





# **MANKIND: THE STORY OF ALL OF US**

## **EPISODES 1-12**

**THIS WORKSHEET SET INCLUDES FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER VIDEO NOTES FOR ALL EPISODES OF THE EPIC SERIES MANKIND: THE STORY OF ALL OF US. EACH WORKSHEET IS SEGMENTED AND TIME STAMPED, SO EDUCATORS CAN EASILY SHOW A PORTION OF THE VIDEO OR THE ENTIRE THING. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

SERIES SUMMARY FROM THE HISTORY CHANNEL: *Mankind The Story of All of Us* is an epic 12-hour series that tells the story of humanity for a new generation of viewers. At the heart of this series is the story of how humans have used our defining powers to learn, innovate and adapt, from the birth of our planet through today. How did Mankind overcome the possibility of extinction, growing from just a few thousand people to the billions in our world today? The series covers major world history milestones including the Ice Age, the advent of farming, the growth of cities, nations and empires, the rise of trade networks, the Industrial Revolution, major wars, disease and modern medicine, technology, space travel and more.

This series provides an exciting new way for students to learn about our world. This series interweaves history with science, allowing students to see how human actions have been shaped by the natural world and the ways humans have harnessed the resources of our planet to achieve progress. Critical turning points and advances are explained through a series of “keys” that humans have used to advance forward. These keys provide a road map for understanding the history of our world, and how we became the people we are today. Highly ambitious in scale and with cutting-edge CGI – this is the story of all of us.





## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 1: INVENTORS**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 53-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: On an extraordinary planet, an extraordinary species emerges. Liquid water and fire, known to exist only on Earth, allow mankind to thrive. Threatened by extinction, we use our defining powers to innovate. Farming is invented, animals are domesticated, small towns and cities emerge, and networks of trade and communication blossom. The written word enables new advances in technology and engineering, including stunning structures and monuments such as the Pyramids and Stonehenge. Yet disease and warfare also emerge, creating enormous challenges even as the population continues to grow.

**Keys Include: Fire, Water, Domestication of Animals, Farming, Writing, Trade**

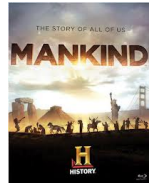
**Terms to define: agriculture, domesticate, entrepreneur, fertile, flourish, olfactory, stereoscopic, dexterous, micro-climate**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 1: Inventors**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description: On a unique planet, a unique species takes its first steps: Mankind begins. But it s a world full of danger. Threatened by extinction, we innovate to survive--discovering fire and farming; building cities and pyramids; inventing trade--and mastering the art of war. From humble beginnings, we become the dominant creature on the planet. Now the future belongs to us.**

**INTRODUCTION****0:00**

1. At the dawn of time the \_\_\_\_\_ explodes into being. With it, every \_\_\_\_\_ in our bodies, countless galaxies, enumerable stars, and around one of them, a blue planet, our \_\_\_\_\_.
2. No other known planet has both an \_\_\_\_\_ and liquid \_\_\_\_\_. The conditions needed for \_\_\_\_\_.
3. How long after the universe begins is mankind born? \_\_\_\_\_
4. The Rift Valley of East Africa was a fertile laboratory for what?  
\_\_\_\_\_

**Bonus: How long would a thousand pounds of meat feed a family of six?**  
\_\_\_\_\_

**FIRE****6:00**

5. What does mankind invent to be able to compete against the natural predators of Africa?  
\_\_\_\_\_
6. Man's ability to project \_\_\_\_\_, the key to controlling our world. We'll spend the next hundred millennia perfecting \_\_\_\_\_ that kill at a distance.
7. What is the key to mankind's survival? \_\_\_\_\_
8. Better nutrition boosts the human \_\_\_\_\_. Over two million years, it more than \_\_\_\_\_ in size, with trillions of connections. The most \_\_\_\_\_ structure in the universe, letting us \_\_\_\_\_, communicate, and love.
9. True or False. The average life span of a man or woman living in the Rift Valley of East Africa was 30 years.
10. Around \_\_\_\_\_ years ago, a few hundred pioneers wander out of \_\_\_\_\_. The beginning of an extraordinary adventure.
11. Over \_\_\_\_\_ ago, mankind settles the Middle East, Asia, Australia and Europe. As we spread out, a slight shift in the Earth's axis away from the sun \_\_\_\_\_ the planet. Average temperatures drop up to \_\_\_\_\_. A third of the planet under \_\_\_\_\_.
12. What do we devise to help keep us alive? \_\_\_\_\_

13. In this frozen world, \_\_\_\_\_ makes a great leap forward. \_\_\_\_\_ turns caves into homes. We sharpen animal bones into the first \_\_\_\_\_, and make tailored \_\_\_\_\_ for the first time.
14. What is the most uniquely human invention? \_\_\_\_\_
15. What becomes man's best friend? \_\_\_\_\_
16. As \_\_\_\_\_ grips the planet, mankind pushes onward. Against all odds we \_\_\_\_\_. Then, the planet starts to warm again. By \_\_\_\_\_ the human population reaches a \_\_\_\_\_.
17. Four hundred generations ago, in the \_\_\_\_\_, a woman whose name we will never know, nurtures into life the \_\_\_\_\_ of humanity. Scientists call her: \_\_\_\_\_.

**Bonus: How much of the globe does water cover?** \_\_\_\_\_

## FARMING / DOMESTICATION OF ANIMALS

15:50

18. What idea gives birth to the world we live in today? \_\_\_\_\_
19. Now an acre of land can feed a \_\_\_\_\_ times as many people as hunting and gathering.
20. A new crop conquers the globe: \_\_\_\_\_. From a single sixty-pound \_\_\_\_\_, seventy loaves of \_\_\_\_\_.
21. By \_\_\_\_\_ farming reaches Southern England, creating a blue print for the future: \_\_\_\_\_. Mankind's first settled communities. And a new figure: \_\_\_\_\_ ...The first farm \_\_\_\_\_: pigs, sheep, goats, cattle.
22. Taming and \_\_\_\_\_ other animal is they key to the growth of our \_\_\_\_\_. But farming also opens up a new battlefield against mankind's most enduring enemy: \_\_\_\_\_.

**Bonus: How tall are the average man and woman around 3,000 B.C.?**

\_\_\_\_\_

23. Owning land gives birth to what new enemy? \_\_\_\_\_
24. The birth of \_\_\_\_\_. One in ten skeletons from early farming folk show signs of \_\_\_\_\_. A farmer can expect to die \_\_\_\_\_ years before our hunter-gatherer ancestors.

## RISE OF ORGANIZED RELIGION

23:15

25. With farming life comes another leap for mankind: new ways of \_\_\_\_\_ and the beginnings of organized \_\_\_\_\_.
26. What was Stonehenge? \_\_\_\_\_
27. True or False. Belief in the afterlife inspires some of mankind's greatest engineering projects.
28. On the banks of the River Nile in \_\_\_\_\_, mankind builds one of the first great civilizations. Its greatest engineering feat: a vast \_\_\_\_\_ tomb for the pharaoh \_\_\_\_\_, god-king of Egypt. The tallest man-made structure for the next

\_\_\_\_\_ years. \_\_\_\_\_ workers. No \_\_\_\_\_ tools. No wheeled vehicles. Just soft \_\_\_\_\_ chisels and saws.

29. Who was one of the first and greatest engineers in the story of mankind?

30. What was the key to most of the achievements of mankind? \_\_\_\_\_

31. Developed 5,000 years ago in the \_\_\_\_\_, writing is an \_\_\_\_\_ of the human brain.

32. Hemiunu's vision brings together a \_\_\_\_\_ never seen before. It takes \_\_\_\_\_ years and \_\_\_\_\_ blocks of stone, each weighing more than a pickup truck, lifted \_\_\_\_\_ feet off the ground. Workers organized into \_\_\_\_\_ gangs.

33. In cemeteries around the pyramid, one in five \_\_\_\_\_ of the workers shows evidence of serious \_\_\_\_\_ from accidents.

34. What is deep inside the pyramid? \_\_\_\_\_

**Bonus: What was the pyramid capped with?** \_\_\_\_\_

## CITIES / TRADE

**30:25**

35. Across the Middle East, the first \_\_\_\_\_ rise, a revolution in human life. \_\_\_\_\_, today in modern Turkey. The city gives birth to two new keys to human progress: \_\_\_\_\_ and \_\_\_\_\_. A new kind of man: the \_\_\_\_\_.

36. True or False: Imdi Ilim trades in one of the rarest and most valuable materials of his day: iron.

37. \_\_\_\_\_ is the key to a new industry. When added to copper it produces \_\_\_\_\_. Strong, sharp, the metal that changes the face of \_\_\_\_\_ for the next 2,000 years.

38. Who was Imdi's son? \_\_\_\_\_

39. What was he bringing from the mountains of Iran and Afghanistan? \_\_\_\_\_

40. Almost 4,000 years ago, traders like Imdi turned \_\_\_\_\_ into something new. They literally make \_\_\_\_\_. Hundreds of Imdi's \_\_\_\_\_ on clay tablets survive.

41. Trade and industry are forging new \_\_\_\_\_ across the world. Amur \_\_\_\_\_ a valuable cargo through bandit country.

42. True or False. Amur dies at the hands of bandits.

43. Traders spread \_\_\_\_\_ across the world, connecting the Middle East to India, Europe and beyond. But the trade in \_\_\_\_\_, and the struggle to \_\_\_\_\_ it, now lead to the birth of modern \_\_\_\_\_.

## TUTMOSES III

36:30

44. Megiddo, in modern day \_\_\_\_\_ . April 16, 1457 B.C. Egypt's new pharaoh, \_\_\_\_\_ III. Young. Ambitious. Untested. Middle eastern warlords have seized \_\_\_\_\_ of the city of \_\_\_\_\_, the key to the trade networks of the ancient world. \_\_\_\_\_ troops. Officers. Regiments. Platoons. A new kind of army. Most are \_\_\_\_\_, farmers called up to arms, but also trained \_\_\_\_\_, fierce Nubian soldiers from modern day Sudan.
45. Why was April 16, 1457 B.C. important?

46. What is the top speed of an Egyptian chariot? \_\_\_\_\_

**Bonus: In the Bible, what will Megiddo give its name to?** \_\_\_\_\_

47. Mankind's struggle for \_\_\_\_\_ creates the world's first great empires. Egypt's \_\_\_\_\_ Tutmoses III leads an army of 12,000 into battle for \_\_\_\_\_ of the city of Megiddo.
48. Egyptian \_\_\_\_\_ record the turning point: the enemy \_\_\_\_\_ headlong into Mediggo in fear.
49. What do the rebel warlords hand over as hostages? \_\_\_\_\_
50. Tutmoses III \_\_\_\_\_ the Egyptian empire to its greatest size ever- \_\_\_\_\_ square miles.
51. From a species struggling to survive, mankind has unlocked the \_\_\_\_\_ to controlling our destiny: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, building \_\_\_\_\_, pioneering \_\_\_\_\_, and the art of \_\_\_\_\_. One man can now control the lives of \_\_\_\_\_. Man with the power of a \_\_\_\_\_.
52. What is the new material that will transform our future? \_\_\_\_\_
53. Amidst the \_\_\_\_\_ of an unforgiving planet, most species will \_\_\_\_\_. But for one all the pieces will fall into place, and a set of \_\_\_\_\_ will unlock a path for mankind to \_\_\_\_\_. This is \_\_\_\_\_ story. The story of all of \_\_\_\_\_.

# **ANSWER KEY**

## **Mankind: The Story of All of Us Episode 1: Inventors**

from *The History Channel Series Mankind: the Story of All of Us*

### **INTRODUCTION**

**0:00**

1. At the dawn of time the **universe** explodes into being. With it, every **atom** in our bodies, countless galaxies, enumerable stars, and around one of them, a blue planet, our **earth**.
2. No other known planet has both an **atmosphere** and liquid **water**. The conditions needed for **life**.
3. How long after the universe begins is mankind born? **13 billion years**
4. The Rift Valley of East Africa was a fertile laboratory for what? **life**

**Bonus: How long would a thousand pounds of meat feed a family of six? **A month****

### **FIRE**

**6:00**

5. What does mankind invent to be able to compete against the natural predators of Africa? **Tools and weapons**
6. Man's ability to project **power**, the key to controlling our world. We'll spend the next hundred millennia perfecting **weapons** that kill at a distance.
7. What is the key to mankind's survival? **Fire**
8. Better nutrition boosts the human **brain**. Over two million years, it more than **doubles** in size, with trillions of connections. The most **complex** structure in the universe, letting us **think**, communicate, and love.
9. **True** or False. The average life span of a man or woman living in the Rift Valley of East Africa was 30 years.
10. Around **70,000** years ago, a few hundred pioneers wander out of **Africa**. The beginning of an extraordinary adventure.
11. Over **50,000 years** ago, mankind settles the Middle East, Asia, Australia and Europe. As we spread out, a slight shift in the Earth's axis away from the sun **cools** the planet. Average temperatures drop up to **14 degrees**. A third of the planet under **ice**.
12. What do we devise to help keep us alive? **New technologies**
13. In this frozen world, **mankind** makes a great leap forward. **Fire** turns caves into homes. We sharpen animal bones into the first **needles**, and make tailored **clothes** for the first time.
14. What is the most uniquely human invention? **Art**
15. What becomes man's best friend? **Wolves**
16. As **ice** grips the planet, mankind pushes onward. Against all odds we **flourish**. Then, the planet starts to warm again. By **10,000 B.C.** the human population reaches a **million**.
17. Four hundred generations ago, in the **Middle East**, a woman whose name we will never know, nurtures into life the **future** of humanity. Scientists call her: **Our Farming Mother**.

**Bonus: How much of the globe does water cover? **70%****

### **FARMING / DOMESTICATION OF ANIMALS**

**15:50**

18. What idea gives birth to the world we live in today? **Planting seeds / farming**



19. Now an acre of land can feed a **hundred** times as many people as hunting and gathering.
20. A new crop conquers the globe: **wheat**. From a single sixty-pound **bushel**, seventy loaves of **bread**.
21. By **3,000 B.C.** farming reaches Southern England, creating a blue print for the future: **the village**. Mankind's first settled communities. And a new figure: **the leader**...The first farm **animals**: pigs, sheep, goats, cattle.
22. Taming and **breeding** other animal is they key to the growth of our **population**. But farming also opens up a new battlefront against mankind's most enduring enemy: **disease**.

**Bonus: How tall are the average man and woman around 3,000 B.C.? **5 foot three inches for a man, women five feet****

23. Owning land gives birth to what new enemy? **Each other**
24. The birth of **warfare**. One in ten skeletons from early farming folk show signs of **violence**. A farmer can expect to die **five** years before our hunter-gatherer ancestors.

## RISE OF ORGANIZED RELIGION

23:15

25. With farming life comes another leap for mankind: new ways of **mourning** and the beginnings of organized **religion**.
26. What was Stonehenge? **A religious monument to those we have lost**
27. **True** or False. Belief in the afterlife inspires some of mankind's greatest engineering projects.
28. On the banks of the River Nile in **Africa**, mankind builds one of the first great civilizations. Its greatest engineering feat: a vast **pyramid** tomb for the pharaoh **Khufu**, god-king of Egypt. The tallest man-made structure for the next **4,000** years. **35,000** workers. No **iron** tools. No wheeled vehicles. Just soft **copper** chisels and saws.
29. Who was one of the first and greatest engineers in the story of mankind? **Hemiunu**
30. What was they key to most of the achievements of mankind? **Writing**
31. Developed 5,000 years ago in the **Middle East**, writing is an **extension** of the human brain.
32. Hemiunu's vision brings together a **workforce** never seen before. It takes **twenty** years and **two-million** blocks of stone, each weighing more than a pickup truck, lifted **four hundred** feet off the ground. Workers organized into **competing** gangs.
33. In cemeteries around the pyramid, one in five **skeletons** of the workers shows evidence of serious **injury** from accidents.
34. What is deep inside the pyramid? **A burial chamber for Khufu**

**Bonus: What was the pyramid capped with? **Gold****

35. Across the Middle East, the first **cities** rise, a revolution in human life. **Kanesh**, today in modern Turkey. The city gives birth to two new keys to human progress: **trade** and **industry**. A new kind of man: the **entrepreneur**.

## CITIES / TRADE

30:25

36. True or **False**: Imdi llum trades in one of the rarest and most valuable materials of his day: iron. **(tin)**

37. **Tin** is the key to a new industry. When added to copper it produces **bronze**. Strong, sharp, the metal that changes the face of **warfare** for the next 2,000 years.
38. Who was Imdi's son? **Amur**
39. What was he bringing from the mountains of Iran and Afghanistan? **tin**
40. Almost 4,000 years ago, traders like Imdi turned **writing** into something new. They literally make **history**. Hundreds of Imdi's **letters** on clay tablets survive.
41. Trade and industry are forging new **connections** across the world. Amur **transports** a valuable cargo through bandit country.
42. True or **False**. Amur dies at the hands of bandits.
43. Traders spread **civilization** across the world, connecting the Middle East to India, Europe and beyond. But the trade in **bronze**, and the struggle to **control** it, now lead to the birth of modern **warfare**.

**Bonus: How much of a profit would half-a-ton of tin bring? 100%**

**TUTMOSES III**

**36:30**

44. Megiddo, in modern day **Israel**. April 16, 1457 B.C. Egypt's new pharaoh, **Tutmoses III**. Young. Ambitious. Untested. Middle eastern warlords have seized **control** of the city of **Megiddo**, the key to the trade networks of the ancient world. **12,000** troops. Officers. Regiments. Platoons. A new kind of army. Most are **conscripts**, farmers called up to arms, but also trained **professionals**, fierce Nubian soldiers from modern day Sudan.
45. Why was April 16, 1457 B.C. important? **It was the first recorded battle in the story of mankind**
46. What is the top speed of an Egyptian chariot? **25 MPH**

**Bonus: In the Bible, what will Megiddo give its name to? Armageddon**

47. Mankind's struggle for **resources** creates the world's first great empires. Egypt's **pharaoh** Tutmoses III leads an army of 12,000 into battle for **control** of the city of Megiddo.
48. Egyptian **scribes** record the turning point: the enemy **fled** headlong into Mediggo in fear.
49. What do the rebel warlords hand over as hostages? **Their children**
50. Tutmoses III **expands** the Egyptian empire to its greatest size ever- **400,000** square miles.
51. From a species struggling to survive, mankind has unlocked the **keys** to controlling our destiny: **fire**, **farming**, **communication**, building **cities**, pioneering **trade**, and the art of **war**. One man can now control the lives of **millions**. Man with the power of a **god**.
52. What is the new material that will transform our future? **Iron**
53. Amidst the **chaos** of an unforgiving planet, most species will **fail**. But for one all the pieces will fall into place, and a set of **keys** will unlock a path for mankind to **triumph**. This is **our** story. The story of all of **us**.



# **MANKIND: THE STORY OF ALL OF US**

## **EPISODE 2: IRON MEN**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 69-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Rogue pirates plunder the Mediterranean coast, signaling on-going conflict between newly emerging societies. But the discovery of iron and its incredible uses helps mankind create new ways of life. Armed with metal tools, humans construct new societies and amazing vessels. Early forms of government, including democracy in Athens, help guide us. Humans develop monotheistic religions including Judaism, Christianity and Islam. People power shapes the world, as warfare continues to divide us.

**Keys Include: Alphabet, Iron, Democracy, Monotheism, Ship building**

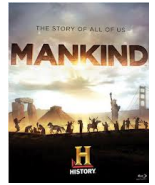
**Terms to define: city-state, coagulate, democracy, progress, magnetic field, nomadic, self-determination, tyranny, phalanx, immortal, cosmopolitan**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 2: Iron Men**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description: A mysterious band of pirates plunders the Mediterranean coast--leaving destruction in its wake. Empires fall, but out of the chaos, we discover iron. Armed with this wonder metal, ordinary folk can overthrow tyrants and build a new world order. From the birth of democracy in Athens, to the creation of the Bible in Babylon--people power reshapes Mankind.**

**SEA PEOPLE****0:00**

1. The Nile Delta of Egypt, \_\_\_\_\_ years before Christ. Mankind's greatest civilizations falling one by one. A new \_\_\_\_\_. Egyptians call them the \_\_\_\_\_. Hungry. Violent. Their origin a \_\_\_\_\_ even today.
2. A thousand years after the age of the pyramids, even mighty \_\_\_\_\_ faces destruction. Around the \_\_\_\_\_, great cities and empires are swept away by peoples on the move. \_\_\_\_\_, the Mycenaeans in Greece, the Hittite empire of Turkey.
3. Chaos rules. Trade dries \_\_\_\_\_. Supplies of bronze, the lifeblood of civilization, dwindle to \_\_\_\_\_. Mankind faces the collapse of thousands of years of \_\_\_\_\_.

**DISCOVERY OF IRON****3:55**

4. What key to our future do a group of pioneering metal workers uncover on an island in the eastern Mediterranean? \_\_\_\_\_
5. What age do we still live in today? \_\_\_\_\_
6. Alashiya, Cypress. An island named after its rich resources of \_\_\_\_\_. But the supply of rare tin to make bronze from copper has \_\_\_\_\_ up. Faced with ruin, metal workers make a \_\_\_\_\_ that will change the future of mankind.
7. What material do the rusty red rocks found all over the island contain?  
\_\_\_\_\_
8. Born in the heart of an exploding supernova star, iron forms the earth's \_\_\_\_\_ core, larger than the moon, hot as the \_\_\_\_\_. Without it, no atmosphere, no magnetic field, no \_\_\_\_\_. The fourth most common \_\_\_\_\_ in the earth's crust.
9. What super fuel is needed to forge iron? \_\_\_\_\_
10. Iron and charcoal \_\_\_\_\_ the surface of the planet. In Europe alone, 70 million acres of trees, an area bigger than \_\_\_\_\_, are felled to feed iron foundries, creating the \_\_\_\_\_ of the world we know today.
11. What does iron usher in? \_\_\_\_\_



## SPARTA &amp; ATHENS

8:15

12. What Greek society is dedicated to war? \_\_\_\_\_
13. Their leader: Pausanias. A \_\_\_\_\_ of Sparta, acting Commander-in-Chief. Bearing down on them, the super power of the day, \_\_\_\_\_. Sparta is just \_\_\_\_\_ square miles. The Persian Empire, more than a \_\_\_\_\_.
14. In Sparta, from the age of \_\_\_\_\_, boys are trained as warriors. At \_\_\_\_\_, they join Sparta's army, the most fearsome, most disciplined \_\_\_\_\_ force on earth.
15. True or False. A Spartan life is a life filled with luxury.
16. Spartans are armed with the best weapons of the day, \_\_\_\_\_ and \_\_\_\_\_ of iron.
17. Within Greece, Sparta's rival: \_\_\_\_\_. Also small, vulnerable. A city of \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
18. The small city-state of \_\_\_\_\_ faces a choice, submit to the Persian Empire or fight for \_\_\_\_\_. An envoy of the Persian emperor Xerxes offers the people of Athens a chance to \_\_\_\_\_ and avoid bloodshed. The cost, their \_\_\_\_\_.
19. Who is the ordinary Athenian citizen that will become a military legend? \_\_\_\_\_
20. Political decisions in Athens are made not by \_\_\_\_\_, but by its armed \_\_\_\_\_, men like Sophocles. A new political system, a legacy still shaping civilization today: \_\_\_\_\_.
21. True or False. Women were allowed to vote in Athens.
22. What does a black stone mean? \_\_\_\_\_
23. What does a white stone mean? \_\_\_\_\_
24. What is the will of the people? \_\_\_\_\_
25. August, \_\_\_\_\_, near the coast of Greece. Bitter rivals lay aside their differences to \_\_\_\_\_ their lands against a mighty empire. The Persians: \_\_\_\_\_ conscripted soldiers from across the ancient world. On the other side, \_\_\_\_\_ patriots.
26. The Persian commander, \_\_\_\_\_, believes superior numbers will be the key to an easy Persian \_\_\_\_\_.
27. The future of western civilization is being decided in \_\_\_\_\_. Greek allies have held off a Persian army of 100,000 for more than a \_\_\_\_\_. They are exhausted, outnumbered \_\_\_\_\_. Spartan leader \_\_\_\_\_ and Athenian militiaman, \_\_\_\_\_, prepare to make a last stand.
28. What new tactic do the Greeks unleash? \_\_\_\_\_
29. The phalanx- a human \_\_\_\_\_. The Greeks \_\_\_\_\_ the Persian advance. Soldiers scatter.
30. Pausanias will be remembered as the Spartan commander who \_\_\_\_\_ the war. Sophocles, as the \_\_\_\_\_ of all Athenians. With the help of \_\_\_\_\_ weapons, people power has resisted tyranny.
31. What monument is generated to commemorate the victory? \_\_\_\_\_
32. How long did it take to build the monument? \_\_\_\_\_

33. A temple to \_\_\_\_\_, goddess of wisdom, will become a \_\_\_\_\_ of democracy.

## RISE OF CHINA

22:20

34. In the \_\_\_\_\_, iron helps city-states fight for \_\_\_\_\_. 5,000 miles to the \_\_\_\_\_, it's one of the building blocks of the world's most enduring empire: \_\_\_\_\_.

35. True or False. Shi Huang Di, the first emperor of China, is on a journey to find the secret of eternal life.

36. What was crucial to Shi Huang Di's success? \_\_\_\_\_

37. True or False. Mankind's industrial future can be traced back to Shi Huang Di's rule.

38. The liquid iron is cast into \_\_\_\_\_ to produce identical objects, by the thousands. Two hundred years before Christ, the birth of \_\_\_\_\_. A technological revolution driven by one of the greatest game changers: \_\_\_\_\_.

39. What new weapon will transform the way we fight? \_\_\_\_\_

40. Bolts with an \_\_\_\_\_ core, fired at a high velocity, nearly a \_\_\_\_\_ mile. Easy to use. With just a few days' training, foot \_\_\_\_\_ become killing machines.

41. A new \_\_\_\_\_: standardized, \_\_\_\_\_ parts.

42. True or False. American gun makers were some of the first, after the Chinese, to make weapons using standardized mass produced parts.

43. Armed with the \_\_\_\_\_, the armies of the first emperor storm across six warring \_\_\_\_\_. In just \_\_\_\_\_ years he conquers more than a million square miles. \_\_\_\_\_ million people.

44. To \_\_\_\_\_ his new empire, the first emperor begins perhaps the most ambitious \_\_\_\_\_ project in the story of mankind: The Great \_\_\_\_\_ of China.

45. True or False. The Great Wall was designed to hold back the nomadic hordes of Europe.

46. How many years did it take to build The Great Wall of China? \_\_\_\_\_

47. \_\_\_\_\_ tablets prescribed by his doctors to make him \_\_\_\_\_ are destroying his brain and \_\_\_\_\_.

48. Aged \_\_\_\_\_, Shi Huang Di, China's first emperor, \_\_\_\_\_.

49. List three things that are buried with the emperor.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

## THE PHOENICIANS

33:35

50. While in \_\_\_\_\_ the Age of Iron forges an empire, off the coast of \_\_\_\_\_, a fleet sails on an expedition that launches mankind's first great age of \_\_\_\_\_. Leading a fleet of 60 ships, \_\_\_\_\_, king of Carthage. He's on one of the first recorded voyages of \_\_\_\_\_.

51. True or False. Hanno's people are the Phoenicians, the best shipbuilders in the world.

52. What is a revolutionary invention for shipbuilding that keeps ships stable in the roughest waters? \_\_\_\_\_
53. Hanno has sailed from the Mediterranean into uncharted waters: the \_\_\_\_\_ Ocean. With 30,000 colonists he is looking for new \_\_\_\_\_, new \_\_\_\_\_.
54. The first written description of Mount Cameroon, the largest \_\_\_\_\_ in West \_\_\_\_\_ . Recorded using a revolutionary new writing technology: the \_\_\_\_\_.
55. How many letters does the Phoenician alphabet have? \_\_\_\_\_
56. True or False. The alphabet is one of the keys to the future of communication.
57. What other extraordinary thing does Hanno encounter? \_\_\_\_\_
58. What \_\_\_\_\_ and \_\_\_\_\_ to Lebanon, Tunisia, Cypress, Sicily, and the island of Ibiza. As they expand, so does knowledge of the \_\_\_\_\_.

## BABYLON

39:10

59. What book is created in Babylon using the alphabet? \_\_\_\_\_
60. \_\_\_\_\_ in the Middle East, a great city famed for its hanging \_\_\_\_\_ . Here, a \_\_\_\_\_ revolution is underway.
61. Across the world, local \_\_\_\_\_ give way to powerful new beliefs, spread by the written \_\_\_\_\_. World faiths still with us today. Hinduism unites much of \_\_\_\_\_. From the foothills of the Himalayas, the words of \_\_\_\_\_ spread out across Asia. And in \_\_\_\_\_, the writings of Confucius will help order the lives of one quarter of the world.
62. In Babylon's \_\_\_\_\_, a group of exiles use their own alphabet, in the language of \_\_\_\_\_, to write down the history and beliefs of their people. Two generations ago, Babylonia conquered \_\_\_\_\_. Destroyed its temple to the Jewish \_\_\_\_\_ Yahweh, exiled the \_\_\_\_\_ to Babylon. Now captives in a foreign land, the Jews begin what will become the most influential \_\_\_\_\_ in the story of mankind: the \_\_\_\_\_.
63. What revolutionary idea do the Jews create? \_\_\_\_\_
64. But for the \_\_\_\_\_ of Babylon, the word of God is under threat. The city is sieged by the armies of the \_\_\_\_\_ Empire. If it falls, their fragile \_\_\_\_\_ could go up in flames.
65. True or False. Zerubbabel was an exiled prince and descendant of kings Solomon and David.
66. What does Zerubbabel decide to do? \_\_\_\_\_
67. How many families leave with Zerubbabel? \_\_\_\_\_
68. What is the sacred city for Zerubbabel? \_\_\_\_\_
69. Carrying with them words that will become the Old \_\_\_\_\_ of the Bible, the most widely read \_\_\_\_\_ in the world. 6 \_\_\_\_\_ copies printed over the last \_\_\_\_\_ years.
70. \_\_\_\_\_ has opened a new age for mankind, transforming \_\_\_\_\_, forging new \_\_\_\_\_, changing the way we \_\_\_\_\_. Now a new kind of empire will rise: \_\_\_\_\_.

# **ANSWER KEY**

## ***Mankind: The Story of All of Us***

### **Episode 2: Iron Men**

from *The History Channel Series Mankind: the Story of All of Us*

#### **SEA PEOPLE**

**0:00**

1. The Nile Delta of Egypt, **1200** years before Christ. Mankind's greatest civilizations falling one by one. A new **enemy**. Egyptians call them the **sea people**. Hungry. Violent. Their origin a **mystery** even today.
2. A thousand years after the age of the pyramids, even mighty **Egypt** faces destruction. Around the **Mediterranean**, great cities and empires are swept away by peoples on the move. **Troy**, the Mycenaeans in Greece, the Hittite empire of Turkey.
3. Chaos rules. Trade dries **up**. Supplies of bronze, the lifeblood of civilization, dwindle to **nothing**. Mankind faces the collapse of thousands of years of **progress**.

#### **DISCOVERY OF IRON**

**3:55**

4. What key to our future do a group of pioneering metal workers uncover on an island in the eastern Mediterranean? **iron**
5. What age do we still live in today? **The Age of Iron**
6. Alashiya, Cypress. An island named after its rich resources of **copper**. But the supply of rare tin to make bronze from copper has **dried** up. Faced with ruin, metal workers make a **discovery** that will change the future of mankind.
7. What material do the rusty red rocks found all over the island contain? **iron**
8. Born in the heart of an exploding supernova star, iron forms the earth's **molten** core. Larger than the moon, hot as the **sun**. Without it, no atmosphere, no magnetic field, no **life**. The fourth most common **mineral** in the earth's crust.
9. What super fuel is needed to forge iron? **Charcoal**
10. Iron and charcoal **transform** the surface of the planet. In Europe alone, 70 million acres of trees, an area bigger than **Oregon**, are felled to feed iron foundries, creating the **landscape** of the world we know today.
11. What does iron usher in? **a new age of warfare**

#### **SPARTA & ATHENS**

**8:15**

12. What Greek society is dedicated to war? **Sparta**
13. Their leader: Pausanias. A **prince** of Sparta, acting Commander-in-Chief. Bearing down on them, the super power of the day, **Persia**. Sparta is just **3,000** square miles. The Persian Empire, more than a **million**.
14. In Sparta, from the age of **seven**, boys are trained as warriors. At **eighteen**, they join Sparta's army, the most fearsome, most disciplined **fighting** force on earth.
15. True or **False**. A Spartan life is a life filled with luxury.
16. Spartans are armed with the best weapons of the day, **spears** and **swords** of iron.
17. Within Greece, Sparta's rival: **Athens**. Also small, vulnerable. A city of **merchants**, **playwrights**, and **farmers**.



18. The small city-state of **Athens** faces a choice, submit to the Persian Empire or fight for **freedom**. An envoy of the Persian emperor Xerxes offers the people of Athens a chance to **surrender** and avoid bloodshed. The cost, their **freedom**.
19. Who is the ordinary Athenian citizen that will become a military legend? **Sophanes**
20. Political decisions in Athens are made not by **kings**, but by its armed **citizens**, men like Sophacles. A new political system, a legacy still shaping civilization today: **Democracy**.
21. True or **False**. Women were allowed to vote in Athens.
22. What does a black stone mean? **Surrender**
23. What does a white stone mean? **Fight**
24. What is the will of the people? **They fight (will never surrender)**
25. August, **479 BC**, near the coast of Greece. Bitter rivals lay aside their differences to **defend** their lands against a mighty empire. The Persians: **100,000** conscripted soldiers from across the ancient world. On the other side, **Greek** patriots.
26. The Persian commander, **Mardonnius**, believes superior numbers will be the key to an easy Persian **victory**.
27. The future of western civilization is being decided in **Greece**. Greek allies have held off a Persian army of 100,000 for more than a **week**. They are exhausted, outnumbered **3 to 1**. Spartan leader **Pausanias** and Athenian militiaman, **Sophanes**, prepare to make a last stand.
28. What new tactic do the Greeks unleash? **The phalanx**
29. The phalanx- a human **tank**. The Greeks **smash** the Persian advance. Soldiers scatter.
30. Pausanias will be remembered as the Spartan commander who **won** the war. Sophanes, as the **bravest** of all Athenians. With the help of **iron** weapons, people power has resisted tyranny.
31. What monument is generated to commemorate the victory? **The Parthenon**
32. How long did it take to build the monument? **15 years**
33. A temple to **Athena**, goddess of wisdom, will become a **symbol** of democracy.

## RISE OF CHINA

22:20

34. In the **west**, iron helps city-states fight for **freedom**. 5,000 miles to the **east**, it's one of the building blocks of the world's most enduring empire: **China**.
35. **True** or False. Shi Huang Di, the first emperor of China, is on a journey to find the secret of eternal life.
36. What was crucial to Shi Huang Di's success? **Cast iron**
37. **True** or False. Mankind's industrial future can be traced back to Shi Huang Di's rule.
38. The liquid iron is cast into **molds** to produce identical objects by the thousands. Two hundred years before Christ, the birth of **mass production**. A technological revolution driven by one of the greatest game changers: **war**.
39. What new weapon will transform the way we fight? **The crossbow**
40. Bolts with an **iron** core, fired at a high velocity, nearly a **quarter** mile. Easy to use. With just a few days' training, foot **soldiers** become killing machines.
41. A new **innovation**: standardized, **interchangeable** parts.
42. **True** or False. American gun makers were some of the first, after the Chinese, to make weapons using standardized mass produced parts.
43. Armed with the **crossbow**, the armies of the first emperor storm across six warring **kingdoms**. In just **9** years he conquers more than a million square miles. **27** million people.

44. To **defend** his new empire, the first emperor begins perhaps the most ambitious **engineering** project in the story of mankind: The Great **Wall** of China.
45. True or **False**. The Great Wall was designed to hold back the nomadic hordes of Europe.
46. How many years did it take to build The Great Wall of China? 1800
47. **Mercury** tablets prescribed by his doctors to make him **immortal** are destroying his brain and **body**.
48. Aged **49**, Shi Huang Di, China's first emperor, **dies**.
49. List three things that are buried with the emperor.
- the wives who failed to bear him children**
  - hundreds of craftsmen, buried alive to keep the secrets of his tomb**
  - the terra cotta army (8,000 terra cotta soldiers)**

## THE PHOENICIANS

33:35

50. While in **China** the Age of Iron forges an empire, off the coast of **Africa**, a fleet sails on an expedition that launches mankind's first great age of **exploration**. Leading a fleet of 60 ships, **Hanno**, king of Carthage. He's on one of the first recorded voyages of **discovery**.
51. **True** or False. Hanno's people are the Phoenicians, the best shipbuilders in the world.
52. What is a revolutionary invention for shipbuilding that keeps ships stable in the roughest waters? **The keel**
53. Hanno has sailed from the Mediterranean into uncharted waters: the **Atlantic** Ocean. With 30,000 colonists he is looking for new **lands**, new **opportunities**.
54. The first written description of Mount Cameroon, the largest **volcano** in West **Africa**. Recorded using a revolutionary new writing technology: the **alphabet**.
55. How many letters does the Phoenician alphabet have? **22**
56. **True** or False. The alphabet is one of the keys to the future of communication.
57. What other extraordinary thing does Hanno encounter? **Gorillas**
58. The Phoenicians create **colonies** across the Mediterranean world, spreading **trade** and **ideas** to Lebanon, Tunisia, Cypress, Sicily, and the island of Ibiza. As they expand, so does knowledge of the **alphabet**.

## BABYLON

39:10

59. What book is created in Babylon using the Phoenician alphabet? **The Bible**
60. **Babylon** in the Middle East, a great city famed for its hanging **gardens**. Here, a **spiritual** revolution is underway.
61. Across the world, local **religions** give way to powerful new beliefs, spread by the written **word**. World faiths still with us today. Hinduism unites much of **India**. From the foothills of the Himalayas, the words of **Buddha** spread out across Asia. And in **China**, the writings of Confucius will help order the lives of one quarter of the world.
62. In Babylon's **libraries**, a group of exiles use their own alphabet, in the language of **Hebrew**, to write down the history and beliefs of their people. Two generations ago, Babylonia conquered **Jerusalem**. Destroyed its temple to the Jewish **god** Yahweh, exiled the **Jews** to Babylon. Now captives in a foreign land, the Jews begin what will become the most influential **book** in the story of mankind: the **Bible**.
63. What revolutionary idea do the Jews create? **Monotheism**

64. But for the Jews of Babylon, the word of God is under threat. The city is sieged by the armies of the Persian Empire. If it falls, their fragile writings could go up in flames.
65. True or False. Zerubbabel was an exiled prince and descendant of kings Solomon and David.
66. What does Zerubbabel decide to do? Lead the Jews to the promised land
67. How many families leave with Zerubbabel? 100
68. What is the sacred city for Zerubbabel? Jerusalem
69. Carrying with them words that will become the Old Testament of the Bible, the most widely read book in the world. 6 billion copies printed over the last 500 years.
70. Iron has opened a new age for mankind, transforming landscapes, forging new connections, changing the way we think. Now a new kind of empire will rise: Rome.



## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 3: EMPIRES**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 66-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Huge engineering projects help spark intricate cities that transform the lives of millions of people. The spread of Christianity and other religions reveals the increasing interconnectedness of mankind. The greatest mega-city on earth, Rome, becomes an engine of expansion while China builds an empire on the other side of the world. A vast network of roads and shipping lanes allows goods and ideas to flow across three continents. Mankind is connected like never before—this is the birth of globalization.

**Keys Include: Roads, Concrete, Trade, Silk, Communication**

**Terms to define: allegiance, amphibious, conquest, convert, dissident, imperial, merchant, provincial**

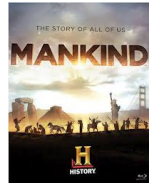




Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

**Mankind: The Story of All of Us**  
**Episode 3: Empires**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description: Huge engineering projects help spark intricate cities that transform the lives of millions of people. The spread of Christianity and other religions reveals the increasing interconnectedness of mankind. The greatest mega-city on earth, Rome, becomes an engine of expansion while China builds an empire on the other side of the world. A vast network of roads and shipping lanes allows goods and ideas to flow across three continents. Mankind is connected like never before—this is the birth of globalization.**

**JESUS****0:00**

1. Jerusalem, \_\_\_\_\_. A provincial city under \_\_\_\_\_ rule. Occupied for \_\_\_\_\_ years.
2. Who is the man who has been sentenced to death? \_\_\_\_\_
3. Jerusalem is on the \_\_\_\_\_ edge of the Roman Empire. A vast network of \_\_\_\_\_ and trade routes. One of the keys to mankind's progress: \_\_\_\_\_. Now, an idea born in the Middle East can \_\_\_\_\_ around the Roman world.
4. What is the Jewish festival celebrating the exodus from Egypt called? \_\_\_\_\_
5. The followers of Jesus believe he is what? \_\_\_\_\_
6. Why is he crucified? \_\_\_\_\_
7. It can take \_\_\_\_\_ days to die on a cross. Blood loss, \_\_\_\_\_, dehydration, \_\_\_\_\_.
8. True or False. Crucifixions were common in Rome.
9. The followers of Jesus will \_\_\_\_\_ his story and use the power of the empire to spread his \_\_\_\_\_.

**ROME****6:15**

10. What is the imperial capital? \_\_\_\_\_
11. What creates a food shortage 18 years after the crucifixion? \_\_\_\_\_
12. How much grain does Rome need each year to keep its people from starving? \_\_\_\_\_
13. Rome's ruler, Emperor \_\_\_\_\_. Disabled, insecure, and the most powerful man in the western world. As emperor, Claudius is regarded as a \_\_\_\_\_, but he still needs the \_\_\_\_\_ of his people to stay in power.
14. What is the best way for an emperor to win over the public? \_\_\_\_\_
15. What was one of the largest engineering projects in the empire? \_\_\_\_\_
16. The aqueduct is powered by \_\_\_\_\_. It needs to drop one foot for every \_\_\_\_\_. To steep, and the water will \_\_\_\_\_. Too shallow, and it will run \_\_\_\_\_.
17. What is the secret to Roman construction? \_\_\_\_\_

18. The key ingredient of Roman concrete is volcanic \_\_\_\_\_. Rome is surrounded by \_\_\_\_\_ volcanoes. Today, two-thirds of mankind live in buildings made of \_\_\_\_\_.
19. True or False. The aqueduct was cheaper to construct than the Hoover Dam.
20. What is the aqueduct called? \_\_\_\_\_
21. How much water will Rome's aqueducts deliver a day? \_\_\_\_\_
22. True or False. Rome has a sewage system, a police force, a fire brigade, a postal service, apartment blocks, libraries, temples, and theaters.
23. Most modern cities today are based on a blue print pioneered by whom? \_\_\_\_\_

## THE DRUIDS

14:30

24. \_\_\_\_\_. An amphibious force 800 miles from Rome. Mankind spreads civilization through \_\_\_\_\_. The Romans are heading for Europe's \_\_\_\_\_ frontier. In command, General Suetonius Paulinus. Ruthless, determined, he's Rome's \_\_\_\_\_. Having crushed an uprising in North \_\_\_\_\_ his orders are to do the same in \_\_\_\_\_.
25. True or False. British soldiers collect the feet of their enemies.
26. Who leads the British resistance against the Romans? \_\_\_\_\_
27. Druid means "man of \_\_\_\_\_." Roman writers regard them as \_\_\_\_\_, and claim they practice human \_\_\_\_\_.
28. Rome has its \_\_\_\_\_ on Britain's natural riches, its precious \_\_\_\_\_. Deep underground, \_\_\_\_\_, vital for aqueducts. Iron, copper and tin for tools and \_\_\_\_\_ Silver to bankroll Roman \_\_\_\_\_.
29. How much spending goes on the Roman military? \_\_\_\_\_
30. Each Roman soldier is armed with a \_\_\_\_\_, a short sword made from steel designed for close quarter combat. A \_\_\_\_\_, a heavy weight javelin, seven feet long with a lethal metal spike. A \_\_\_\_\_, used on defense and attack.
31. By the time Paulinus is finished in Britain, his men kill as many as \_\_\_\_\_ people. The rebel stronghold, \_\_\_\_\_. The \_\_\_\_\_, annihilated.
32. What was Rome's first priority after it defeated British rebels? \_\_\_\_\_
33. Roman roads \_\_\_\_\_ Roman towns, and conquered people become \_\_\_\_\_ of the empire. Paris, London, Barcelona laid out to the same \_\_\_\_\_.

## GLADIATORS

22:00

34. What is one of Rome's most popular exports? \_\_\_\_\_
35. There are \_\_\_\_\_ arenas across the empire. The largest hold \_\_\_\_\_ people. Admission to the games is \_\_\_\_\_. Everyone can enjoy the benefits of \_\_\_\_\_ civilization.
36. True or False. Most gladiators are slaves who are forced to fight.
37. Rome is at the height of its \_\_\_\_\_. Its empire dominates \_\_\_\_\_, North Africa, and the Middle \_\_\_\_\_. A \_\_\_\_\_ of mankind is under Roman rule.

## THE SILK ROAD

25:15

38. What is the Chinese capital? \_\_\_\_\_
39. Roman merchants, 5,000 miles from Rome. They've come in search of silk.
40. How do Romans think silk is created? \_\_\_\_\_
41. How long has China guarded the secret of how silk is made? \_\_\_\_\_
42. Emperor Huan. He came to the \_\_\_\_\_ at fourteen, and purged his family from the \_\_\_\_\_. The most powerful man in the \_\_\_\_\_ world.
43. The emperor \_\_\_\_\_ the Romans, but doesn't let on to how silk is \_\_\_\_\_.
44. What does silk come from? \_\_\_\_\_
45. What is the 5,000-mile trade route on which silk is exported from China called?  
\_\_\_\_\_
46. Trade booms, but also the flow of \_\_\_\_\_. Ideas that will \_\_\_\_\_ the future of mankind.

## THE SPREAD OF CHRISTIANITY

30:25

47. Who is the most important convert in the story of Christianity? \_\_\_\_\_
48. For \_\_\_\_\_ years, Paul travels the Roman empire contacting other \_\_\_\_\_. Spreading a message of \_\_\_\_\_.
49. Paul writes letters to fellow \_\_\_\_\_ around the empire: \_\_\_\_\_, Thessalonians, and Corinthians. They make up nearly half of the \_\_\_\_\_.
50. How many miles of roads had Rome built by the time Paul sends out his letters?  
\_\_\_\_\_
51. How many ports were connected by shipping lanes under Roman rule? \_\_\_\_\_
52. 150 years later, on the outskirts of Carthage, one of the largest \_\_\_\_\_ in the Roman Empire, a group of Christians meet in \_\_\_\_\_. Private houses double up as \_\_\_\_\_.
53. True or False. Under Roman rule, slaves and women had the same rights as land owning males.
54. True or False. Under Roman rule, Christianity is legal and converts like Perpetua had nothing to fear.
55. The empire's secret \_\_\_\_\_:the Frumentarii. They use a network of \_\_\_\_\_ to hunt down dissidents. Perpetua is charged with \_\_\_\_\_. She is sent to \_\_\_\_\_ to await her fate. She keeps a \_\_\_\_\_, the earliest words that still survive written by a Christian woman.
56. What is the ultimate test for any believer? \_\_\_\_\_
57. Christians are thrown to wild \_\_\_\_\_, or covered in \_\_\_\_\_ and burned alive, or \_\_\_\_\_.
58. How can Christians save themselves? \_\_\_\_\_
59. What does Perpetua's courage inspire the Roman guard, Pudens, to do?  
\_\_\_\_\_
60. What do executed Christians become known as? \_\_\_\_\_
61. In 100 years the number of Christians grows from 200,000 to what? \_\_\_\_\_

**CONSTANTINE****42:20**

62. The year is \_\_\_\_\_. The emperor Constantine is \_\_\_\_\_. He makes a decision that will shape the \_\_\_\_\_ of the Roman Empire. The most powerful man in the western world is \_\_\_\_\_.
63. What is the new Christian Capital? \_\_\_\_\_
64. What is the Church of the Holy Wisdom? \_\_\_\_\_
65. How many Christians are there today? \_\_\_\_\_
66. What is the lasting legacy of the Roman Empire? \_\_\_\_\_

# **ANSWER KEY**

## **Mankind: The Story of All of Us Episode 3: Empires**

from *The History Channel Series Mankind: the Story of All of Us*

### **JESUS**

**0:00**

1. Jerusalem, **33 AD**. A provincial city under **Roman** rule. Occupied for **100** years.
2. Who is the man who has been sentenced to death? **Jesus of Nazareth**
3. Jerusalem is on the **eastern** edge of the Roman Empire. A vast network of **roads** and trade routes. One of the keys to mankind's progress: **mass communication**. Now, an idea born in the Middle East can **spread** around the Roman world.
4. What is the Jewish festival celebrating the exodus from Egypt called? **Passover**
5. The followers of Jesus believe he is what? **The messiah**
6. Why is he crucified? **His teachings threaten peace**
7. It can take **three** days to die on a cross. Blood loss, **shock**, dehydration, **suffocation**.
8. **True** or False. Crucifixions were common in Rome.
9. The followers of Jesus will **retell** his story and use the power of the empire to spread his **message**.

### **ROME**

**6:15**

10. What is the imperial capital? **Rome**
11. What creates a food shortage 18 years after the crucifixion? **A series of droughts**
12. How much grain does Rome need each year to keep its people from starving? **200,000 tons**
13. Rome's ruler, Emperor **Claudius**. Disabled, insecure, and the most powerful man in the western world. As emperor, Claudius is regarded as a **god**, but he still needs the **support** of his people to stay in power.
14. What is the best way for an emperor to win over the public? **build**
15. What was one of the largest engineering projects in the empire? **an aqueduct**
16. The aqueduct is powered by **gravity**. It needs to drop one foot for every **300**. Too steep, and the water will **overflow**. Too shallow, and it will run **dry**.
17. What is the secret to Roman construction? **Concrete**
18. The key ingredient of Roman concrete is volcanic **ash**. Rome is surrounded by **50** volcanoes. Today, two-thirds of mankind live in buildings made of **concrete**.
19. True or **False**. The aqueduct was cheaper to construct than the Hoover Dam.
20. What is the aqueduct called? **Aqua Claudia (the waters of Claudius)**
21. How much water will Rome's aqueducts deliver a day? **250 million**
22. **True** or False. Rome has a sewage system, a police force, a fire brigade, a postal service, apartment blocks, libraries, temples, and theaters.
23. Most modern cities today are based on a blue print pioneered by whom? **Rome**

### **THE DRUIDS**

**14:30**

24. **61 AD**. An amphibious force 800 miles from Rome. Mankind spreads civilization through **conquest**. The Romans are heading for Europe's **northwest** frontier. In command, General Suetonius



Paulinus. Ruthless, determined, he's Rome's **enforcer**. Having crushed an uprising in North **Africa** his orders are to do the same in **Britain**.

25. True or **False**. British soldiers collect the feet of their enemies.
26. Who leads the British resistance against the Romans? **The Druid priests**
27. Druid means "man of **oak**." Roman writers regard them as **barbarians**, and claim they practice human **sacrifice**.
28. Rome has its **eye** on Britain's natural riches, its precious **metals**. Deep underground, **lead**, vital for aqueducts. Iron, copper and tin for tools and **weapons**. Silver to bankroll Roman **armies**.
29. How much spending goes on the Roman military? **50%**
30. Each Roman soldier is armed with a **gladius**, a short sword made from steel designed for close quarter combat. A **pilum**, a heavy weight javelin, seven feet long with a lethal metal spike. A **shield**, used on defense and attack.
31. By the time Paulinus is finished in Britain, his men kill as many as **80,000** people. The rebel stronghold, **destroyed**. The **Druids**, annihilated.
32. What was Rome's first priority after it defeated British rebels? **Build roads**
33. Roman roads **connect** Roman towns, and conquered people become **citizens** of the empire. Paris, London, Barcelona laid out to the same **design**.

## GLADIATORS

22:00

34. What is one of Rome's most popular exports? **The games (gladiator)**
35. There are **400** arenas across the empire. The largest hold **50,000** people. Admission to the games is **free**. Everyone can enjoy the benefits of **Roman** civilization.
36. **True** or False. Most gladiators are slaves who are forced to fight.
37. Rome is at the height of its **power**. Its empire dominates **Europe**, North Africa, and the Middle **East**. A **fifth** of mankind is under Roman rule.

## THE SILK ROAD

25:15

38. What is the Chinese capital? **Luoyang**
39. Roman merchants, 5,000 miles from Rome. They've come in search of silk.
40. How do Romans think silk is created? **Grows on trees**
41. How long has China guarded the secret of how silk is made? **3,000 years**
42. Emperor Huan. He came to the **throne** at fourteen, and purged his family from the **court**. The most powerful man in the **eastern** world.
43. The emperor **welcomes** the Romans, but doesn't let on to how silk is **made**.
44. What does silk come from? **Silkworms**
45. What is the 5,000-mile trade route on which silk is exported from China called? **The Silk Road**
46. Trade booms, but also the flow of **ideas**. Ideas that will **transform** the future of mankind.

## THE SPREAD OF CHRISTIANITY

30:25

47. Who is the most important convert in the story of Christianity? **Paul**
48. For **twenty** years, Paul travels the Roman empire contacting other **believers**. Spreading a message of **hope**.
49. Paul writes letters to fellow **Christians** around the empire: **Romans**, Thessalonians, and Corinthians. They make up nearly half of the **New Testament**.

50. How many miles of roads had Rome built by the time Paul sends out his letters? A quarter of a million miles
51. How many ports were connected by shipping lanes under Roman rule? 250
52. 150 years later, on the outskirts of Carthage, one of the largest ports in the Roman Empire, a group of Christians meet in secret. Private houses double up as churches.
53. True or False. Under Roman rule, slaves and women had the same rights as land owning males.
54. True or False. Under Roman rule, Christianity is legal and converts like Perpetua had nothing to fear.
55. The empire's secret police: the Frumentarii. They use a network of informers to hunt down dissidents. Perpetua is charged with treason. She is sent to prison to await her fate. She keeps a diary, the earliest words that still survive written by a Christian woman.
56. What is the ultimate test for any believer? To die for your faith
57. Christians are thrown to wild animals, or covered in tar and burned alive, or beheaded.
58. How can Christians save themselves? Make an offering to a Roman god
59. What does Perpetua's courage inspire the Roman guard, Pudens, to do? Convert
60. What do executed Christians become known as? Martyrs
61. In 100 years the number of Christians grows from 200,000 to what? 6 million

#### CONSTANTINE

42

62. The year is 337. The emperor Constantine is dying. He makes a decision that will shape the future of the Roman Empire. The most powerful man in the western world is baptized.
63. What is the new Christian Capital? Constantinople (Istanbul)
64. What is the Church of the Holy Wisdom? The Hagia Sophia
65. How many Christians are there today? 2.2 billion
66. What is the lasting legacy of the Roman Empire? Christianity



## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 4: WARRIORS**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 58-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: By the 5th century AD the Roman Empire disintegrates, leaving a power vacuum in Europe. Barbarians destroy towns and cities; Europe has entered the Dark Ages. But elsewhere in the world, humans achieve progress. In the Arabian Desert, the discovery of gold helps ignite new innovations in engineering and technology. Vikings open up new links. Mankind continues to clash in wars over religion and territory.

**Keys Include: Gold, Astronomy, Viking Longship**

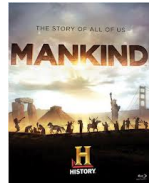
**Terms to define: abundant, apocalyptic, ecological, metropolis, remnant, repudiate, revert, stealth, vanguard**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 4: Warriors**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description: By the 5th century AD the Roman Empire disintegrates, leaving a power vacuum in Europe. Barbarians destroy towns and cities; Europe has entered the Dark Ages. But elsewhere in the world, humans achieve progress. In the Arabian desert, the discovery of gold helps ignite new innovations in engineering and technology. Vikings open up new links. Mankind continues to clash in wars over religion.**

**THE VANDALS**

**0:00**

1. Rome, \_\_\_\_\_. At the gates of the Imperial Palace. Gaiseric, know as the '\_\_\_\_\_', chief of the tribe of Germanic warriors: The \_\_\_\_\_. They have crushed Roman armies in North Africa. Now, they are after the riches of \_\_\_\_\_ itself.
2. True or False. The empress of Rome, Licina Eudoxia, is kidnapped by Gaiseric, but the Roman Empire remains fine.
3. True or False. The Vandals are educated and skilled in warfare, not savages.
4. Why is Eudoxia the ultimate prize? \_\_\_\_\_
5. Eudoxia will spend the next \_\_\_\_\_ years at Gaiseric's side. Her daughter, forced to \_\_\_\_\_ his son. The empress of Rome \_\_\_\_\_ by a barbarian.
6. How many centuries did the Roman Empire last? \_\_\_\_\_
7. As Rome disintegrates, barbarian \_\_\_\_\_ seize their opportunity. Angles and Saxons push into \_\_\_\_\_. Franks sweep across Gaul, giving their name to modern \_\_\_\_\_. Visigoths seize what is now \_\_\_\_\_.
8. With the collapse of \_\_\_\_\_, Europe reverts to a \_\_\_\_\_ of war, famine, and savagery.
9. True or False. The essentials of Roman life like aqueducts and writing are not forgotten once their empire collapses.
10. With the \_\_\_\_\_ of Rome, Europe will fragment and stay divided for \_\_\_\_\_ years. But two new forces emerge, \_\_\_\_\_ to the story of mankind. From the frozen North: the \_\_\_\_\_. From the sun baked South: the \_\_\_\_\_.

## THE ARABS & THE SPREAD OF ISLAM

9:20

11. What is buried deep beneath the Arabian Desert? \_\_\_\_\_
12. What is the religion practiced in this area? \_\_\_\_\_
13. True or False. The Mahad Al Dahab mine was owned by Al-Hajj-Al-Bahizi, who was from the same tribe as the Prophet Mohammed.
14. All the gold ever mined comes from outer \_\_\_\_\_, from a time almost four billion years ago, known as the 'heavy bombardment.' \_\_\_\_\_ carrying traces of gold rained down on the earth. Fourteen million times rarer than \_\_\_\_\_, all the gold ever mined would fill just \_\_\_\_\_ Olympic swimming pools.
15. A cave-in at a gold mine in the Arabian \_\_\_\_\_. Owner Al-Hajj-Al-Bahizi risks his life to save his men and his \_\_\_\_\_. This mine alone will produce \_\_\_\_\_ of gold, worth two billion dollars today.
16. What sparks a boom in trade a new chapter for mankind? \_\_\_\_\_
17. From the trading center of \_\_\_\_\_, a charismatic leader emerges, the Prophet Mohammed, and a new \_\_\_\_\_. In twenty years, \_\_\_\_\_ unites the warring tribes of Arabia.

## CORDOBA

14:30

18. From Mecca, in modern day \_\_\_\_\_, Islam spreads across North Africa and into Europe, dominating lands once controlled by the \_\_\_\_\_. A new civilization reaches into Spain and builds a new city: \_\_\_\_\_.
19. True or False. Abbas Ibn Firnas was an astronomer, engineer, and inventor.
20. What does Ibn Firnas want to do? \_\_\_\_\_
21. Cordoba is \_\_\_\_\_ to half a million Muslims, Christians, and Jews. In Europe's Dark Ages, a beacon of tolerance and \_\_\_\_\_. 37 libraries, the knowledge of mankind, much of it \_\_\_\_\_ from ancient Greece and Rome.
22. What math subject did the Arabs create? \_\_\_\_\_
23. What numbers are still known as Arabic numerals? \_\_\_\_\_
24. True or False. Ibn Firnas dies attempting to fly.



## THE VIKINGS

19:08

25. Fifty years later, two and half thousand miles away, another \_\_\_\_\_ pushing the boundaries of knowledge: Ahmad Ibn Falan. Diplomat, chronicler, devout \_\_\_\_\_. His mission: to seek out new \_\_\_\_\_ routes. In Russia, he makes contact with people who will dominate northern Europe: the \_\_\_\_\_.
26. From their native Scandinavia, these Vikings have journeyed \_\_\_\_\_ miles by sea and river, before settling in western \_\_\_\_\_. This country will be \_\_\_\_\_ after them. The Vikings call themselves the Russ, '\_\_\_\_\_':
27. What do the Vikings offer Ibn Falan for trade? \_\_\_\_\_
28. What does Ibn Falan offer the Vikings for trade? \_\_\_\_\_
29. Ibn Falan arrives in time to see what Viking practice? \_\_\_\_\_
30. True or False. Valhalla is the legendary Viking resting place of chiefs and warriors.
31. Why did one of the slave girls volunteer to be cremated with dead chief?
- \_\_\_\_\_
32. The Viking chief takes his final journey on his prized possession: his \_\_\_\_\_.
33. The key to Viking exploration: their \_\_\_\_\_. Built with overlapping \_\_\_\_\_ planks, riveted along the keel, they're strong but \_\_\_\_\_. Powered by sail and \_\_\_\_\_, some can reach \_\_\_\_\_ knots, a good speed for a modern racing yacht.
34. The Vikings launch \_\_\_\_\_ along the coasts of Britain, Ireland, France, and Spain. 30,000 Vikings settle in \_\_\_\_\_ in 60 years, and they set up colonies in \_\_\_\_\_.
35. Who were the first Europeans to reach North America? \_\_\_\_\_
36. True or False. The Vikings create great cities throughout Europe and convert to Christianity becoming knights, princes, and Norsemen.
37. Who becomes the famous Norsemen that invades Britain and becomes king of England?
- \_\_\_\_\_
38. The Vikings will be on the frontline of what clash of civilizations? \_\_\_\_\_

## EASTER ISLAND

29:25

39. Easter Island in the \_\_\_\_\_ Ocean. Polynesians carve statues from \_\_\_\_\_ with Stone Age tools. Mankind the \_\_\_\_\_.
40. True or False. Hotu Matu'a first led the Polynesians to Easter Island.
41. Without charts or compasses, he has traveled \_\_\_\_\_ miles, to one of the remotest places on \_\_\_\_\_. A volcanic island, half the size of Detroit, in the vast emptiness of the \_\_\_\_\_ Ocean.
42. What is key to crossing the ocean? \_\_\_\_\_
43. On \_\_\_\_\_ Island, entirely alone, they'll create a unique civilization, surrounded by \_\_\_\_\_ of their ancestral gods.
44. Known as Moai, the tallest is \_\_\_\_\_ feet high and weighs \_\_\_\_\_ tons, as heavy as the space shuttle.
45. The forests provide all the \_\_\_\_\_ the islanders need. Palm trees 80 feet tall become \_\_\_\_\_ and huts, and \_\_\_\_\_, to transport the Moai. To lift them into place, wooden \_\_\_\_\_ and ropes made from \_\_\_\_\_ fiber.
46. How many Moai do the Easter Islanders build to protect their isolated community? \_\_\_\_
47. What led to the destruction of Easter Island?
- 

## THE CRUSADES

36:25

48. Religion...the most potent \_\_\_\_\_ in the story of mankind. It has \_\_\_\_\_ civilizations and \_\_\_\_\_ them. As the Easter Islanders pay homage to their ancestral gods, on the other side of the planet \_\_\_\_\_ warriors destroy those of a different faith.
49. Who are the men attacking Jerusalem and intent on butchery? \_\_\_\_\_
50. True or False. Tancred de Hauteville was a Christian knight who waged war on Islam.
51. By the end of the \_\_\_\_\_ century, 600 years after the fall of Rome, the two religions are great \_\_\_\_\_. Christianity dominates in the \_\_\_\_\_ and North, Islam in the \_\_\_\_\_ and South.
52. True or False. Determined to curb the advance of Islam, the Pope calls on Christians to take up arms against the holy city of Jerusalem.
53. Jews revere Jerusalem as the ancient \_\_\_\_\_. Muslims know it as Al Quds, 'The \_\_\_\_\_. From here, the Prophet Mohammed journeyed to \_\_\_\_\_. For Christians, \_\_\_\_\_ was crucified here.
54. What does Pope Urban offer to all those who join the crusades?
- 
55. With absolution \_\_\_\_\_, nothing holds back the \_\_\_\_\_.
56. True or False. Tancred decides to kill all of the Muslims instead of ransom them.
57. What did Tancred find had happened to his Muslim followers while he had been praying?
- 
58. The crusades will continue for \_\_\_\_\_ centuries and cost more than a \_\_\_\_\_ lives.

# **ANSWER KEY**

## ***Mankind: The Story of All of Us***

### **Episode 4: Warriors**

from *The History Channel Series Mankind: the Story of All of Us*

#### **THE VANDALS**

**0:00**

1. Rome, **455 AD**. At the gates of the Imperial Palace. Gaiseric, know as the '**Spear King**,' chief of the tribe of Germanic warriors: The **Vandals**. They have crushed Roman armies in North Africa. Now, they are after the riches of **Rome** itself.
2. True or **False**. The empress of Rome, Licina Eudoxia, is kidnapped by Gaiseric, but the Roman Empire remains fine.
3. **True** or False. The Vandals are educated and skilled in warfare, not savages.
4. Why is Eudoxia the ultimate prize? **She will bring him prestige**
5. Eudoxia will spend the next **seven** years at Gaiseric's side. Her daughter, forced to **marry** his son. The empress of Rome **enslaved** by a barbarian.
6. How many centuries did the Roman Empire last? **five**
7. As Rome disintegrates, barbarian **tribes** seize their opportunity. Angles and Saxons push into **Britain**. Francs sweep across Gaul, giving their name to modern **France**. Visigoths seize what is now **Spain**.
8. With the collapse of **Rome**, Europe reverts to a **dark age** of war, famine, and savagery.
9. True or **False**. The essentials of Roman life like aqueducts and writing are not forgotten once their empire collapses.
10. With the **fall** of Rome, Europe will fragment and stay divided for **1500** years. But two new forces emerge, **key** to the story of mankind. From the frozen North: the **Vikings**. From the sun baked South: the **Arabs**.
11. What is buried deep beneath the Arabian Desert? **Gold**

#### **THE ARABS & THE SPREAD OF ISLAM**

**9:20**

12. What is the religion practiced in this area? **Islam**
13. **True** or False. The Mahad Al Dahab mine was owned by Al-Hajajj-Al-Bahizi, who was from the same tribe as the Prophet Mohammed.
14. All the gold ever mined comes from outer **space**, from a time almost four billion years ago, known as the 'heavy bombardment.' **Astroids** carrying traces of gold rained down on the earth. Fourteen million times rarer than **iron**, all the gold ever mined would fill just **three** Olympic swimming pools.
15. A cave-in at a gold mine in the Arabian **Desert**. Owner Al-Hajajj-Al-Bahizi risks his life to save his men and his **investment**. This mine alone will produce **50 tons** of gold, worth two billion dollars today.
16. What sparks a boom in trade a new chapter for mankind? **A goldrush**
17. From the trading center of **Mecca**, a charismatic leader emerges, the Prophet Mohammed, and a new **religion**. In twenty years, **Islam** unites the warring tribes of Arabia.

## CORDOBA

18. From Mecca, in modern day [Saudi Arabia](#), Islam spreads across North Africa and into Europe, dominating lands once controlled by the [Romans](#). A new civilization reaches into Spain and builds a new city: [Cordoba](#).
19. **True** or False. Abbas Ibn Firnas was an astronomer, engineer, and inventor.
20. What does Ibn Firnas want to do? [Fly](#)
21. Cordoba is [home](#) to half a million Muslims, Christians, and Jews. In Europe's Dark Ages, a beacon of tolerance and [learning](#). 37 libraries, the knowledge of mankind, much of it [rescued](#) from ancient Greece and Rome.
22. What math subject did the Arabs create? [Algebra](#)
23. What numbers are still known as Arabic numerals? [0-9](#)
24. True or **False**. Ibn Firnas dies attempting to fly.

## THE VIKINGS

19:08

25. Fifty years later, two and half thousand miles away, another [Arab](#) pushing the boundaries of knowledge: Ahmad Ibn Falan. Diplomat, chronicler, devout [Muslim](#). His mission: to seek out new [trade](#) routes. In Russia, he makes contact with people who will dominate northern Europe: the [Vikings](#).
26. From their native Scandinavia, these Vikings have journeyed [1,200](#) miles by sea and river, before settling in western [Russia](#). This country will be [named](#) after them. The Vikings call themselves the Russ, '[men who row](#)'.
27. What do the Vikings offer Ibn Falan for trade? [Fur](#)
28. What does Ibn Falan offer the Vikings for trade? [Arabian gold](#)
29. Ibn Falan arrives in time to see what Viking practice? [A funeral](#)
30. **True** or False. Valhalla is the legendary Viking resting place of chiefs and warriors.
31. Why did one of the slave girls volunteer to be cremated with dead chief? [So she could enter Valhalla with her master \(as his wife\)](#)
32. The Viking chief takes his final journey on his prized possession: his [longship](#).
33. The key to Viking exploration: their [longships](#). Built with overlapping [oak](#) planks, riveted along the keel, they're strong but [quick](#). Powered by sail and [oars](#), some can reach [20](#) knots, a good speed for a modern racing yacht.
34. The Vikings launch [raids](#) along the coasts of Britain, Ireland, France, and Spain. 30,000 Vikings settle in [Iceland](#) in 60 years, and they set up colonies in [Greenland](#).
35. Who were the first Europeans to reach North America? [The Vikings](#)
36. **True** or False. The Vikings create great cities throughout Europe and convert to Christianity becoming knights, princes, and Norsemen.
37. Who becomes the famous Norseman that invades Britain and becomes king of England? [William the Conqueror](#)
38. The Vikings will be on the frontline of what clash of civilizations? [The crusades](#)

## EASTER ISLAND

25:25

39. Easter Island in the Pacific Ocean. Polynesians carve statues from rock with Stone Age tools. Mankind the builder.
40. **True** or False. Hotu Matu'a first led the Polynesians to Easter Island.
41. Without charts or compasses, he has traveled 2,500 miles, to one of the remotest places on earth. A volcanic island, half the size of Detroit, in the vast emptiness of the Pacific Ocean.
42. What is key to crossing the ocean? An instinct for navigation
43. On Easter Island, entirely alone, they'll create a unique civilization, surrounded by statues of their ancestral gods.
44. Known as Moai, the tallest is 33 feet high and weighs 82 tons, as heavy as the space shuttle.
45. The forests provide all the materials the islanders need. Palm trees 80 feet tall become canoes and huts, and rollers, to transport the Moai. To lift them into place, wooden levers and ropes made from tree fiber.
46. How many Moai do the Easter Islanders build to protect their isolated community? 900
47. What led to the destruction of Easter Island? They cut down all the trees (no more canoes)

## THE CRUSADES

36:25

48. Religion...the most potent force in the story of mankind. It has built civilizations and destroyed them. As the Easter Islanders pay homage to their ancestral gods, on the other side of the planet holy warriors destroy those of a different faith.
49. Who are the men attacking Jerusalem and intent on butchery? The crusaders
50. **True** or False. Tancred de Hauteville was a Christian knight who waged war on Islam.
51. By the end of the 11<sup>th</sup> century, 600 years after the fall of Rome, the two religions are great rivals. Christianity dominates in the West and North, Islam in the East and South.
52. **True** or False. Determined to curb the advance of Islam, the Pope calls on Christians to take up arms against the holy city of Jerusalem.
53. Jews revere Jerusalem as the ancient capital. Muslims know it as Al Quds, 'The Holy'. From here, the Prophet Mohammed journeyed to heaven. For Christians, Christ was crucified here.
54. What does Pope Urban offer to all those who join the crusades? Eternal salvation
55. With absolution assured, nothing holds back the crusaders.
56. True or **False**. Tancred decides to kill all of the Muslims instead of ransom them.
57. What did Tancred find had happened to his Muslim followers while he had been praying? They were slaughtered by other crusaders
58. The crusades will continue for two centuries and cost more than a million lives.





## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 5: THE PLAGUE**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 62-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Mankind has made incredible strides. The Inca Empire rises in the Americas. Led by Genghis Khan, the Mongols use novel military strategies to conquer vast lands. But humans are also severely tested by one of the deadliest diseases the world has known—the Plague. Mankind is ravaged by this disease in Europe and parts of Asia. In the Americas, new farming techniques and the use of maize help propel mankind forward. Amazing monuments such as Machu Picchu showcase mankind's architectural advances.

**Keys Include Solar Flares/Climate Change, Communication, Bacteria, Maize**

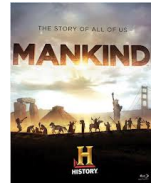
**Terms to define: biological warfare, cavalry, cultivate, infinite, ultimatum, micro-organisms, pandemic, vulnerable**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 5: The Plague**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description: Mankind has made incredible strides. The Inca Empire rises in the Americas. Led by Genghis Khan, the Mongols use novel military strategies to conquer vast lands. But humans are also severely tested by one of the deadliest diseases the world has known—the Plague. Mankind is ravaged by this disease in Europe and parts of Asia. In the Americas, new farming techniques and the use of maize help propel mankind forward. Amazing monuments such as Machu Picchu showcase mankind’s architectural advances.**

### THE MONGOLS

0:00

1. Northern China, 1215 AD. The \_\_\_\_\_ are coming. 50,000 warriors. The world’s greatest cavalry \_\_\_\_\_. Their leader: Genghis Khan. One of the bloodiest \_\_\_\_\_ in human history. His target: Chung Tu. Today’s Beijing, China’s \_\_\_\_\_ city.
2. Cities are \_\_\_\_\_ to the story of mankind. Centers of power, learning, and wealth.
3. How many miles of 40 feet-high battlements does Chung Tu have? \_\_\_\_\_
4. How many people live in Chung Tu? \_\_\_\_\_
5. Now a battle for the future of mankind between the \_\_\_\_\_ dweller and the \_\_\_\_\_.
6. Genghis Khan, son of a tribal \_\_\_\_\_. His father was murdered. He was sent into \_\_\_\_\_.
7. He \_\_\_\_\_ his captors, fights his way to the top, \_\_\_\_\_ the Mongols, and begins a campaign of \_\_\_\_\_ that will change the world.
8. What is the key to Genghis Khan’s success? \_\_\_\_\_
9. Using the \_\_\_\_\_ for warfare unlocks a new key for mankind.
10. How old are Mongols when they start on horseback? \_\_\_\_\_
11. Mongol warriors have \_\_\_\_\_ horses each. They can eat and \_\_\_\_\_ on horseback. No army will travel so far and so fast until \_\_\_\_\_.
12. Climate \_\_\_\_\_ is one of the keys to the human story and drives the \_\_\_\_\_ to change the world.
13. In Mongolia, \_\_\_\_\_ turns pasture into desert. To survive, the Mongols sweep south, towards \_\_\_\_\_, the great power in Asia. Home to the biggest \_\_\_\_\_ in the world.
14. What is Genghis Khan’s ultimatum? \_\_\_\_\_
15. What is legend about the Mongols? \_\_\_\_\_
16. Genghis Khan rapes so many \_\_\_\_\_ that as many 1 in \_\_\_\_\_ people alive carry his genes. \_\_\_\_\_ women, it is said, prefer \_\_\_\_\_ to being raped by the Mongols.
17. What do the Mongols use to take the city? \_\_\_\_\_

18. The Mongols overrun Chung Tu, massacre over \_\_\_\_\_ people, and \_\_\_\_\_ the city.
19. In his lifetime, Genghis \_\_\_\_\_ is said to be responsible for the deaths of up to \_\_\_\_\_ people, as many as Adolf \_\_\_\_\_.
20. He conquers more land in \_\_\_\_\_ years than Rome did in \_\_\_\_\_. 4.5 million square \_\_\_\_\_. The \_\_\_\_\_ empire so far in human history. And the key to its success: \_\_\_\_\_.
21. How do the Mongols send messages? \_\_\_\_\_
22. Every 30 miles, a relay \_\_\_\_\_ with 400 horses. Government messengers, carrying an official \_\_\_\_\_, can claim food and a fresh mount. The world's first \_\_\_\_\_.

## THE BUBONIC PLAGUE

12:30

23. Mankind battles an enduring enemy: \_\_\_\_\_. Issyk Kul, a trading \_\_\_\_\_, midway between Europe and Asia. Genghis Khan has been dead for more than a century, but his \_\_\_\_\_ continues. Along its trade routes a deadly traveler. \_\_\_\_\_.
24. At Issyk Kul, a \_\_\_\_\_ begins. One of the first recorded victims, Kutluk.
25. What is Kutluk suffering from? \_\_\_\_\_
26. What passes on this disease? \_\_\_\_\_
27. In 1337, \_\_\_\_\_ people die in Issyk Kul. 2 years later, there are \_\_\_\_\_ deaths. But this is just the \_\_\_\_\_.
28. How did the plague make it to Europe? \_\_\_\_\_
29. Black rats infest the \_\_\_\_\_ that travels along the Mongol trading routes. Spreading out from Issyk Kul, the plague sweeps east to \_\_\_\_\_ and west towards \_\_\_\_\_.
30. Kaffa, on the Black Sea. A thriving \_\_\_\_\_ at the crossroads of east and west, controlled by \_\_\_\_\_ merchants. One man is credited with \_\_\_\_\_ the plague into Europe, a descendant of Genghis Khan: Jani Beg.
31. What is Jani Beg's terrible new weapon? \_\_\_\_\_
32. No one has ever used biological \_\_\_\_\_ like Jani Beg.
33. The inhabitants of Kaffa try to outrun the plague and flee to \_\_\_\_\_. They have no idea they are bringing the \_\_\_\_\_ with them. The plague, on route to the world's most densely populated \_\_\_\_\_.
34. Mankind faces a battle against \_\_\_\_\_. Siena, Italy. \_\_\_\_\_ months after the plague invades Europe, \_\_\_\_\_ are dead.
35. How long does the plague take to cross Asia? \_\_\_\_\_
36. Why is Europe perfect for the spreading of the bubonic plague? \_\_\_\_\_
37. What is the plague doctor's treatment? \_\_\_\_\_
38. Once the plague bacteria mutate, how are they spread? \_\_\_\_\_
39. The kill rate of the plague goes from 75% to what? \_\_\_\_\_
40. In six months, \_\_\_\_\_ people, 60% of Siena, wiped \_\_\_\_\_.
41. Now, disaster tests mankind's \_\_\_\_\_.

42. Avignon, France. Home to \_\_\_\_\_ Clement VI, one of the most powerful men in the \_\_\_\_\_, controlling vast armies and enormous \_\_\_\_\_.
43. True or False. Pope Clement VI is able to stop the spread of the plague in Avignon by speaking with God.
44. True or False. Pope Clement VI consecrates the River Rhone as a floating cemetery.

### SAINT VALENTINE'S DAY MASSACRE

31:35

45. \_\_\_\_\_, the plague rages across Europe. Mankind is at its \_\_\_\_\_ and most irrational searching for someone to blame.
46. What rumor about the plague is spread in Strasbourg, Germany? \_\_\_\_\_
47. When fear grips mankind, minorities are an easy \_\_\_\_\_. The authorities in Strasbourg try to \_\_\_\_\_ them, posting guards in the streets, but isolation breeds contempt. The mob takes the \_\_\_\_\_ into its own hands.
48. February \_\_\_\_\_. A Saint Valentine's Day \_\_\_\_\_. The Jews of Strasbourg are given a choice: convert or \_\_\_\_\_. 1,000 Jews are \_\_\_\_\_ alive. But the massacre does nothing to save the city. \_\_\_\_\_ months later, the plague arrives, claiming another \_\_\_\_\_ victims.
49. True or false. Mankind was rendered powerless by tiny bacteria.
50. How many people die from plague over a 15-year period? \_\_\_\_\_

### THE RISE OF THE INCA EMPIRE

35:50

51. What stopped the plague from reaching the Americas? \_\_\_\_\_
52. 200 years after Genghis Khan, a young \_\_\_\_\_ warrior prepares himself for battle. Pachacuti. Courageous, dynamic, inspired. A vision of the \_\_\_\_\_ drives him into a mighty battle that will create the \_\_\_\_\_ of the Incas.
53. How many people live in the Americas? \_\_\_\_\_
54. True or False. The new world has horses, iron tools, and wheeled vehicles.
55. Thousands of feet above sea level, they cultivate \_\_\_\_\_ totally unknown to the rest of the world. \_\_\_\_\_, tomatoes, \_\_\_\_\_. 60 years later, the Spanish will bring these super foods back to \_\_\_\_\_. A key moment in shaping the \_\_\_\_\_ of mankind.
56. True or False. The Incas enemy is the Chancas, bloodthirsty warriors who use the bones of enemies as trophies.
57. What is the Inca capital? \_\_\_\_\_
58. True or False. Uscovilca, a dead king, leads the Chancas in battle.
59. How did the people of South America preserve their dead? \_\_\_\_\_
60. True or False. Pachacuti believe Uscovilca is more powerful than Inti, the sun god.
61. True or False. Pachacuti defeated the Chancas.
62. Most of modern day Chile, Bolivia, and Peru united under \_\_\_\_\_ rule. To link their territory a network of \_\_\_\_\_ stretching 25,000 miles over some of the steepest terrain on earth. At the end of the trail, \_\_\_\_\_, Pachacuti's palace in the clouds, \_\_\_\_\_ to the rest of mankind.

# **ANSWER KEY**

## ***Mankind: The Story of All of Us***

### **Episode 5: The Plague**

from *The History Channel Series Mankind: the Story of All of Us*

#### **THE MONGOLS**

**0:00**

1. Northern China, 1215 AD. The **Mongols** are coming. 50,000 warriors. The world's greatest cavalry **army**. Their leader: Genghis Khan. One of the bloodiest **warriors** in human history. His target: Chung Tu. Today's Beijing, China's **capital** city.
2. Cities are **key** to the story of mankind. Centers of power, learning, and wealth.
3. How many miles of 40 feet-high battlements does Chung Tu have? **18 miles**
4. How many people live in Chung Tu? **½ million**
5. Now a battle for the future of mankind between the **city dweller** and the **nomad**.
6. Genghis Khan, son of a tribal **chief**. His father was murdered. He was sent into **exile**.
7. He **escapes** his captors, fights his way to the top, **unites** the Mongols, and begins a campaign of **conquest** that will change the world.
8. What is the key to Genghis Khan's success? **The horse**
9. Using the **horse** for warfare unlocks a new key for mankind.
10. How old are Mongols when they start on horseback? **3**
11. Mongol warriors have **four** horses each. They can eat and **sleep** on horseback. No army will travel so far and so fast until **World War II**.
12. Climate **change** is one of the keys to the human story and drives the **Mongols** to change the world.
13. In Mongolia, **drought** turns pasture into desert. To survive, the Mongols sweep south, towards **China**, the great power in Asia. Home to the biggest **cities** in the world.
14. What is Genghis Khan's ultimatum? **Surrender or die**
15. What is legend about the Mongols? **Their cruelty**
16. Genghis Khan rapes so many **women** that as many 1 in **200** people alive carry his genes. **60,000** women, it is said, prefer **suicide** to being raped by the Mongols.
17. What do the Mongols use to take the city? **Chinese engineers and battle rams**
18. The Mongols overrun Chung Tu, massacre over **100,000** people, and **torch** the city.
19. In his lifetime, Genghis **Khan** is said to be responsible for the deaths of up to **40 million** people, as many as Adolf **Hitler**.
20. He conquers more land in **25** years than Rome did in **400**. 4.5 million square **miles**. The **largest** empire so far in human history. And the key to its success: **communication**.
21. How do the Mongols send messages? **Horseback**
22. Every 30 miles, a relay **post** with 400 horses. Government messengers, carrying an official **medallion**, can claim food and a fresh mount. The world's first **passport**.

#### **THE BUBONIC PLAGUE**

**12:30**

23. Mankind battles an enduring enemy: **disease**. Issyk Kul, a trading **post**, midway between Europe and Asia. Genghis Khan has been dead for more than a century, but his **empire** continues. Along its trade routes a deadly traveler. **Bacteria**.
24. At Issyk Kul, a **pandemic** begins. One of the first recorded victims, Kutluk.
25. What is Kutluk suffering from? **The Bubonic Plague**
26. What passes on this disease? **The flea**
27. In 1337, **4** people die in Issyk Kul. 2 years later, there are **100** deaths. But this is just the **beginning**.



28. How did the plague make it to Europe? Black rats that carried plague infected fleas
29. Black rats infest the cargo that travels along the Mongol trading routes. Spreading out from Issyk Kul, the plague sweeps east to China and west towards Europe.
30. Kaffa, on the Black Sea. A thriving port at the crossroads of east and west, controlled by Italian merchants. One man is credited with speeding the plague into Europe, a descendant of Genghis Khan: Jani Beg.
31. What is Jani Beg's terrible new weapon? The dead men become ammunition (dead from the plague)
32. No one has ever used biological weapons like Jani Beg.
33. The inhabitants of Kaffa try to outrun the plague and flee to Europe. They have no idea they are bringing the disease with them. The plague, on route to the world's most densely populated continent.
34. Mankind faces a battle against extinction. Siena, Italy. 6 months after the plague invades Europe, thousands are dead.
35. How long does the plague take to cross Asia? 10 years
36. Why is Europe perfect for the spreading of the bubonic plague? Densely populated cities, filth, squalor, and lots of rats make the disease spread easily
37. What is the plague doctor's treatment? Drain the disease out of the victim
38. Once the plague bacteria mutate, how are they spread? By air (airborne)
39. The kill rate of the plague goes from 75% to what? Nearly 100
40. In six months, 31,000 people, 60% of Siena, wiped out.
41. Now, disaster tests mankind's faith.
42. Avignon, France. Home to Pope Clement VI, one of the most powerful men in the world, controlling vast armies and enormous wealth.
43. True or False. Pope Clement VI is able to stop the spread of the plague in Avignon by speaking with God.
44. True or False. Pope Clement VI consecrates the River Rhone as a floating cemetery.

## SAINT VALENTINE'S DAY MASSACRE

31:35

45. 1349, the plague rages across Europe. Mankind is at its weakest and most irrational searching for someone to blame.
46. What rumor about the plague is spread in Strasbourg, Germany? Jews are poisoning the drinking water
47. When fear grips mankind, minorities are an easy target. The authorities in Strasbourg try to protect them, posting guards in the streets, but isolation breeds contempt. The mob takes the law into its own hands.
48. February 14<sup>th</sup>. A Saint Valentine's Day massacre. The Jews of Strasbourg are given a choice: convert or die. 1,000 Jews are burned alive. But the massacre does nothing to save the city. 5 months later, the plague arrives, claiming another 16,000 victims.
49. True or false. Mankind was rendered powerless by tiny bacteria.
50. How many people die from plague over a 15-year period? 50 million

## THE RISE OF THE INCA EMPIRE

35:50

51. What stopped the plague from reaching the Americas? The Atlantic Ocean
52. 200 years after Genghis Khan, a young Inca warrior prepares himself for battle. Pachacuti. Courageous, dynamic, inspired. A vision of the sun god drives him into a mighty battle that will create the empire of the Incas.
53. How many people live in the Americas? 90 million
54. True or False. The new world has horses, iron tools, and wheeled vehicles.

55. Thousands of feet above sea level, they cultivate crops totally unknown to the rest of the world. Potatoes, tomatoes, corn. 60 years later, the Spanish will bring these super foods back to Europe. A key moment in shaping the diet of mankind.
56. True or False. The Incas enemy is the Chancas, bloodthirsty warriors who use the bones of enemies as trophies.
57. What is the Inca capital? Cusco
58. True or False. Uscovilca, a dead king, leads the Chancas in battle.
59. How did the people of South America preserve their dead? Mummified them
60. True or False. Pachacuti believe Uscovilca is more powerful than Inti, the sun god.
61. True or False. Pachacuti defeated the Chancas.
62. Most of modern day Chile, Bolivia, and Peru united under Inca rule. To link their territory a network of trails stretching 25,000 miles over some of the steepest terrain on earth. At the end of the trail, Machu Picchu, Pachacuti's palace in the clouds, unknown to the rest of mankind.



## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 6: SURVIVORS**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 61-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Gold and salt in Africa lead to a vibrant trade between continents. Europe is reborn. Money flows into Venice creating new opportunities for entrepreneurs willing to take risks. In China, a new weapon – the gun allows a peasant uprising to unify the country. Chinese innovations inspire Europe, leading to the – printing press. Millions of books are printed, one of which will inspire a journey to the New World. Armed with new ideas and technologies, Europeans set their sights on conquering new lands.

**Keys Include Printing Press, Salt, Gunpowder, Gold**

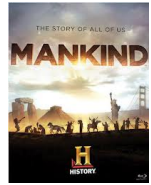
**Terms to define: analogy, aristocrat, capitalism, commodity, elixir, industrial, nomad, prototype, renaissance**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 6: Survivors**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description: Gold and salt in Africa lead to a vibrant trade between continents. Europe is reborn. Money flows into Venice creating new opportunities for entrepreneurs willing to take risks. In China, a new weapon – the gun allows a peasant uprising to unify the country. Chinese innovations inspire Europe, leading to the – printing press. Millions of books are printed, one of which will inspire a journey to the New World. Armed with new ideas and technologies, Europeans set their sights on conquering new lands.**

SALT

0:00

1. 1352. The Sahara. The largest \_\_\_\_\_ on the planet. A searing wilderness the size of the \_\_\_\_\_. The toughest challenge an \_\_\_\_\_ can face.
2. Ibn Battuta vowed never to travel the same what twice? \_\_\_\_\_
3. The \_\_\_\_\_ rages through Asia, Europe, and the Middle East. It's killed up to a \_\_\_\_\_ of the world's population. In Damascus, Syria, Ibn Battuta records 2,400 deaths in a single \_\_\_\_\_.
4. The Sahara is a \_\_\_\_\_ against the pandemic. With temperatures up to 135 degrees, the plague can't survive the \_\_\_\_\_ of the desert.
5. True or False. The Tuareg, nomads from North Africa, trade one of the most valuable commodities on the planet, salt.
6. Before refrigeration, \_\_\_\_\_ was the key to preserving food. It absorbs water and stops bacteria from growing; salted food can last for a \_\_\_\_\_ without spoiling.
7. Millions of years ago what was the Sahara? \_\_\_\_\_
8. What was left behind as the water evaporated? \_\_\_\_\_
9. True or False. One of the great cities of the Mali Empire that the Taurag trade with is Rome.
10. What is the greatest fear of every traveler? \_\_\_\_\_
11. After two months in the \_\_\_\_\_, Ibn Battuta's camel train reaches its destination, the cities of \_\_\_\_\_.
12. In Mali, salt is so in demand, it's traded for \_\_\_\_\_. Today, most gold in the world has to be mined deep \_\_\_\_\_. In Mali, it flows out of the bedrock of the \_\_\_\_\_ Niger. At this time, as much as two-thirds of the world's known gold reserves are in west \_\_\_\_\_. The key that turns Mali's rulers into some of the richest men in the \_\_\_\_\_ and their cities into centers of \_\_\_\_\_.
13. True or False. In Timbuktu up to half of the population are students.
14. True or False. Zimbabwe is the legendary site of King Solomon's mines.
15. Ibn Battuta will return to Morocco and \_\_\_\_\_ the oldest surviving account of Timbuktu and the wealth of \_\_\_\_\_.
16. African gold will be key to the greatest explosion of \_\_\_\_\_ the western world has ever known. It will make some men \_\_\_\_\_ and others, reckless.

## VENICE

12:10

17. Venice. 117 \_\_\_\_\_ islands joined together become a thriving center of commerce. \_\_\_\_\_ from the Middle East. \_\_\_\_\_ from India. And the key to its wealth, \_\_\_\_\_ from Africa.
18. 70 year earlier, how much of Venice's population had been wiped out by the plague?  
\_\_\_\_\_
19. In Venice, African gold is \_\_\_\_\_ into ducats, an international currency. Merchants bank their ducats with men like Pietro Venier. Modern \_\_\_\_\_ begins in Italy.
20. True or False. Thieves in Venice are shown mercy.
21. It's men like Pietro Venire who will \_\_\_\_\_ the Renaissance. The greatest flourishing of \_\_\_\_\_ and culture the mankind has ever known. After the devastation of the plague, a \_\_\_\_\_.

## GUNPOWDER &amp; THE RISE OF THE MING DYNASTY

17:30

22. 5,000 miles away, China is on the brink of its own \_\_\_\_\_. The key, a deadly new \_\_\_\_\_.
23. For a century and a half, the \_\_\_\_\_ have ruled China. But the plague has killed millions, loosening their grip on \_\_\_\_\_.
24. 1356, outside Nanjing. A gang of three plots \_\_\_\_\_. Their leader: Zhu Yuanzhang.
25. What do Yuanzhang's men call themselves? \_\_\_\_\_
26. By his side, his young \_\_\_\_\_, Ma. Daughter of a warlord, partner in the \_\_\_\_\_.
27. Third member of the \_\_\_\_\_: Jiao Yu. Master craftsman. \_\_\_\_\_ expert.
28. What was Jiao's response to the deadly accuracy of the Mongol's bow and arrow?  
\_\_\_\_\_
29. True or False. Gunpowder was invented by monks looking for an elixir to eternal life and mostly used in fireworks before it was used as an explosive.
30. Jiao designs a weapon he calls human \_\_\_\_\_. A small stone propelled by an explosive \_\_\_\_\_. A lethal combination. The future of \_\_\_\_\_ rewritten.
31. 150 years after Genghis Khan \_\_\_\_\_ their homeland, Zhu Yuanzhang leads the Red Turbans at the \_\_\_\_\_ of Nanjing. A \_\_\_\_\_ army to drive the Mongols out of China.
32. What is the key to the Red Turban's strategy? \_\_\_\_\_
33. Jiao's \_\_\_\_\_ levels the battlefield and allows a band of \_\_\_\_\_ to take on the deadliest army in the \_\_\_\_\_.
34. Over the next \_\_\_\_\_ years, the Chinese drive out the Mongols. Nanjing becomes \_\_\_\_\_ of a free China. Zhu, a peasant orphaned by the plague, becomes \_\_\_\_\_ of a new Chinese dynasty. His wife, Ma, the \_\_\_\_\_, the most powerful woman on the planet.

35. What does Zhu call his dynasty? \_\_\_\_\_
36. The Ming dynasty last for \_\_\_\_\_ years. Its rulers live in the \_\_\_\_\_, a vast palatial compound. No one can enter or leave without the emperor's \_\_\_\_\_. It takes up to a million workers \_\_\_\_\_ years to build.
37. What great engineering project in China did the Ming complete? \_\_\_\_\_

## GUTTENBERG'S PRINTING PRESS

27:00

38. 1450. Mainz, \_\_\_\_\_. Johannes Guttenberg. Goldsmith. Entrepreneur. Inventor of the \_\_\_\_\_.
39. True or False. In 15<sup>th</sup> century Europe books are readily available for everyone.
40. How long did it take to produce one handwritten copy of the Bible? \_\_\_\_\_
41. Who invented wood block printing? \_\_\_\_\_
42. A goldsmith by trade, he carves \_\_\_\_\_ in metal that can be moved around and rearranged. An infinite \_\_\_\_\_ of words and sentences. To print the text, a modified \_\_\_\_\_ press.
43. The \_\_\_\_\_ age begins here. Every page printed in the past \_\_\_\_\_ years owes a debt to Guttenberg's invention.
44. What is the first thing Guttenberg prints copies of? \_\_\_\_\_
45. True or False. Printing books on the printing press is 2,000 times slower than before.

## CHRISTOPHER COLUMBUS

31:30

46. Who was the Italian sailor shipwrecked and left for dead by pirates in 1476?  
\_\_\_\_\_
47. What book by Marco Polo inspires Columbus? \_\_\_\_\_
48. Columbus' brother is a \_\_\_\_\_, together they plot a revolutionary idea: to head \_\_\_\_\_ by traveling \_\_\_\_\_. Not over land like Marco Polo, but by \_\_\_\_\_.
49. True or False. Mapmakers of the time are aware of the Americas.
50. True or False. Columbus thinks that it is quite easy to sail from Europe to China because the world is smaller than people (mapmakers) realize.
51. For almost a decade, \_\_\_\_\_ tries to finance his crazy scheme. He's turned \_\_\_\_\_ by the rulers of Portugal, Venice, and Genoa. But the balance of \_\_\_\_\_ in Europe is changing with the help of the \_\_\_\_\_.



## SPAIN'S RISE TO POWER

36:50

52. 1486, Southern Spain. \_\_\_\_\_ years after the Red Turbans, another \_\_\_\_\_ army fights for independence, using the latest in \_\_\_\_\_ technology: the harquebus.
53. For more than \_\_\_\_\_ years, Spain has been run by the Moors, \_\_\_\_\_ from North Africa. They create their own cities with their own architecture, centers of \_\_\_\_\_, preserving the knowledge of the \_\_\_\_\_ world.
54. Spanish armies try to reclaim the country for \_\_\_\_\_. They force the Moors to retreat back to North \_\_\_\_\_. All that remains is the kingdom of Granada on the southern tip of \_\_\_\_\_.
55. True or False. If the Spanish are to reclaim their country they must capture the Moorish stronghold, the fortress Illora.
56. True or False. The noise of the harquebus is so loud that it deafens soldiers.
57. What happens to the Spanish guns as they get closer to fort Illora?  
\_\_\_\_\_
58. The \_\_\_\_\_ at Illora: a turning point in the reconquest of Spain. Over the next six years, city after city \_\_\_\_\_ to the Spanish.
59. January 2, \_\_\_\_\_. A day that changes the destiny of mankind. Spanish monarchs Ferdinand and Isabella ride victorious into \_\_\_\_\_. Cordoba helps negotiate the \_\_\_\_\_ of the Moors.
60. Spain is the new \_\_\_\_\_ in Europe. Ferdinand and Isabella will \_\_\_\_\_ Columbus' dream. He'll sail under a Spanish \_\_\_\_\_.
61. What are the three keys to the future of mankind brought from contact between east and west? \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

# ANSWER KEY

## Mankind: The Story of All of Us Episode 6: Survivors

from *The History Channel Series Mankind: the Story of All of Us*

SALT

0:00

1. 1352. The Sahara. The largest **desert** on the planet. A searing wilderness the size of the **United States**. The toughest challenge an **explorer** can face.
2. Ibn Battuta vowed never to travel the same what twice? **Road**
3. The **plague** rages through Asia, Europe, and the Middle East. It's killed up to a **fifth** of the world's population. In Damascus, Syria, Ibn Battuta records 2,400 deaths in a single **day**.
4. The Sahara is a **barrier** against the pandemic. With temperatures up to 135 degrees, the plague can't survive the **heat** of the desert.
5. **True** or False. The Tuareg, nomads from North Africa, trade one of the most valuable commodities on the planet, salt.
6. Before refrigeration, **salt** was the key to preserving food. It absorbs water and stops bacteria from growing; salted food can last for a **year** without spoiling.
7. Millions of years ago what was the Sahara? **A sea**
8. What was left behind as the water evaporated? **Salt**
9. True or **False**. One of the great cities of the Mali Empire that the Taurag trade with is Rome.
10. What is the greatest fear of every traveler? **A sandstorm**
11. After two months in the **Sahara**, Ibn Battuta's camel train reaches its destination, the cities of **Mali**.
12. In Mali, salt is so in demand, it's traded for **gold**. Today, most gold in the world has to be mined deep **underground**. In Mali, it flows out of the bedrock of the **River** Niger. At this time, as much as two-thirds of the world's known gold reserves are in west **Africa**. The key that turns Mali's rulers into some of the richest men in the **world** and their cities into centers of **learning**.
13. **True** or False. In Timbuktu up to half of the population are students.
14. **True** or False. Zimbabwe is the legendary site of King Solomon's mines.
15. Ibn Battuta will return to Morocco and **write** the oldest surviving account of Timbuktu and the wealth of **Africa**.
16. African gold will be key to the greatest explosion of **ideas** the western world has ever known. It will make some men **rich** and others, reckless.

VENICE

12:10

17. Venice. 117 **mud** islands joined together become a thriving center of commerce. **Silk** from the Middle East. **Spices** from India. And the key to its wealth, **gold** from Africa.
18. 70 year earlier, how much of Venice's population had been wiped out by the plague? **Half**
19. In Venice, African gold is **minted** into ducats, an international currency. Merchants bank their ducats with men like Pietro Venier. Modern **banking** begins in Italy.
20. True or **False**. Thieves in Venice are shown mercy.
21. It's men like Pietro Venire who will **finance** the Renaissance. The greatest flourishing of **learning** and culture the mankind has ever known. After the devastation of the plague, a **rebirth**.

## GUNPOWDER &amp; THE RISE OF THE MING DYNASTY

17:30

22. 5,000 miles away, China is on the brink of its own **rebirth**. The key, a deadly new **invention**.
23. For a century and a half, the **Mongols** have ruled China. But the plague has killed millions, loosening their grip on **power**.
24. 1356, outside Nanjing. A gang of three plots **revolution**. Their leader: Zhu Yuanzhang.
25. What do Yuanzhang's men call themselves? **Red Turbans**
26. By his side, his young **wife**, Ma. Daughter of a warlord, partner in the **revolution**.
27. Third member of the **gang**: Jiao Yu. Master craftsman. **Weapons** expert.
28. What was Jiao's response to the deadly accuracy of the Mongol's bow and arrow?

**Gunpowder**

29. **True** or False. Gunpowder was invented by monks looking for an elixir to eternal life and mostly used in fireworks before it was used as an explosive.
30. Jiao designs a weapon he calls human **thunder**. A small stone propelled by an explosive **charge**. A lethal combination. The future of **warfare** rewritten.
31. 150 years after Genghis Khan **invades** their homeland, Zhu Yuanzhang leads the Red Turbans at the **city** of Nanjing. A **peasant** army to drive the Mongols out of China.
32. What is the key to the Red Turban's strategy? **The gun**
33. Jiao's **gun** levels the battlefield and allows a band of **rebels** to take on the deadliest army in the **world**.
34. Over the next **twelve** years, the Chinese drive out the Mongols. Nanjing becomes **capital** of a free China. Zhu, a peasant orphaned by the plague, becomes **emperor** of a new Chinese dynasty. His wife, Ma, the **empress**, the most powerful woman on the planet.
35. What does Zhu call his dynasty? **Ming (it means bright)**
36. The Ming dynasty last for **three hundred** years. Its rulers live in the **Forbidden City**, a vast palatial compound. No one can enter or leave without the emperor's **permission**. It takes up to a million workers **14** years to build.
37. What great engineering project in China did the Ming complete? **The Great Wall of China**

## GUTTENBERG'S PRINTING PRESS

27:00

38. 1450. Mainz, **Germany**. Johannes Guttenberg. Goldsmith. Entrepreneur. Inventor of the **printing press**.
39. True or **False**. In 15<sup>th</sup> century Europe books are readily available for everyone.
40. How long did it take to produce one handwritten copy of the Bible? **3 years**
41. Who invented wood block printing? **The Chinese**
42. A goldsmith by trade, he carves **letters** in metal that can be moved around and rearranged. An infinite **variety** of words and sentences. To print the text, a modified **wine** press.
43. The **information** age begins here. Every page printed in the past **five hundred** years owes a debt to Guttenberg's invention.
44. What is the first thing Guttenberg prints copies of? **The Bible (180 copies)**
45. True or **False**. Printing books on the printing press is 2,000 times slower than before.

## CHRISTOPHER COLUMBUS

31:30

46. Who was the Italian sailor shipwrecked and left for dead by pirates in 1476? **Christopher Columbus**

47. What book by Marco Polo inspires Columbus? The Wonders of the World
48. Columbus' brother is a mapmaker, together they plot a revolutionary idea: to head east by traveling west. Not over land like Marco Polo, but by sea.
49. True or **False**. Mapmakers of the time are aware of the Americas.
50. **True** or False. Columbus thinks that it is quite easy to sail from Europe to China because the world is smaller than people (mapmakers) realize.
51. For almost a decade, Columbus tries to finance his crazy scheme. He's turned down by the rulers of Portugal, Venice, and Genoa. But the balance of power in Europe is changing with the help of the gun.

## SPAIN'S RISE TO POWER

36:50

52. 1486, Southern Spain. 130 years after the Red Turbans, another rebel army fights for independence, using the latest in gun technology: the harquebus.
53. For more than 700 years, Spain has been run by the Moors, Muslims from North Africa. They create their own cities with their own architecture, centers of learning, preserving the knowledge of the ancient world.
54. Spanish armies try to reclaim the country for Christianity. They force the Moors to retreat back to North Africa. All that remains is the kingdom of Granada on the southern tip of Spain.
55. **True** or False. If the Spanish are to reclaim their country they must capture the Moorish stronghold, the fortress Illora.
56. **True** or False. The noise of the harquebus is so loud that it deafens soldiers.
57. What happens to the Spanish guns as they get closer to fort Illora? They get more effective
58. The victory at Illora: a turning point in the reconquest of Spain. Over the next six years, city after city falls to the Spanish.
59. January 2, 1492. A day that changes the destiny of mankind. Spanish monarchs Ferdinand and Isabella ride victorious into Granada. Cordoba helps negotiate the surrender of the Moors.
60. Spain is the new power in Europe. Ferdinand and Isabella will fund Columbus' dream. He'll sail under a Spanish flag.
61. What are the three keys to the future of mankind brought from contact between east and west? Gold, gunpowder, and the printed word



# **MANKIND: THE STORY OF ALL OF US**

## **EPISODE 7: NEW WORLD**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 56-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: The Americas develop rapidly as the Aztecs build the biggest city on the planet. On the other side of the world, a Turkish sultan uses cannons to conquer Constantinople. The East feeds Europe with spices; explorers are driven to find new commodities and new lands. Columbus, Cortez and others reach the Americas, starting a battle for that continent. The consequences are dire for indigenous peoples.

**Keys Include: Cannons, Maize, Pepper, Compasses, Ocean Gyres**

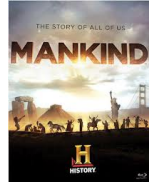
**Terms to define: abundance, artillery, compulsory, conquistadores, ecosystem, empire, gyre, immunity, obsidian, sovereignty**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

**Mankind: The Story of All of Us**  
**Episode 7: New World**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description:** The Americas develop rapidly as the Aztecs build the biggest city on the planet. On the other side of the world, a Turkish sultan uses cannons to conquer Constantinople. The East feeds Europe with spices; explorers are driven to find new commodities and new lands. Columbus, Cortez and others reach the Americas, starting a battle for that continent. The consequences are dire for indigenous peoples.

### VIKINGS EXPLORE THE AMERICAS

0:00

63. What allowed the Vikings to navigate the most treacherous waters on earth?

\_\_\_\_\_

64. From Scandinavia, warriors storm through \_\_\_\_\_, raiding, settling, founding new cities, \_\_\_\_\_ the northern world.

65. Who were the first Europeans known to land in the Americas?

\_\_\_\_\_

66. Thorvald Eriksson. Legendary \_\_\_\_\_. A hero whose exploits are remembered in \_\_\_\_\_ legend.

67. This land belongs to the Innu, descendants of the first \_\_\_\_\_ who came into America \_\_\_\_\_ years before.

68. How many Native Americans live in the Americas?

\_\_\_\_\_

69. The Innu are expert \_\_\_\_\_, armed with stone-tipped arrows. Swift. Silent. \_\_\_\_\_.

70. What is the Viking weapon of choice? \_\_\_\_\_

71. Thorvald Eriksson. The first European to \_\_\_\_\_ on American soil. It will be \_\_\_\_\_ years before another European sets foot in the New World.

### AZTEC CIVILIZATION

7:40

72. In the Americas, no \_\_\_\_\_ tools or horses. No wheeled vehicles. Yet America's people engineered great \_\_\_\_\_ thousands of years before the Egyptians. They mapped the \_\_\_\_\_ with as much accuracy as any astronomer in Europe.

73. True or False. Tenochtitlan, the capital of the Aztec Empire, was larger than London, Paris, or Rome.

74. What was the Aztec civilization dedicated to? \_\_\_\_\_

75. At its heart, a stone \_\_\_\_\_ 100 feet high, where sky, \_\_\_\_\_, and underworld meet.



76. To keep the \_\_\_\_\_ in balance, the Aztecs believe they owe a debt of \_\_\_\_\_ to their gods.
77. Aztec men are trained to \_\_\_\_\_ from puberty. The fiercest become Jaguar \_\_\_\_\_. Their weapons, not metal, but obsidian, volcanic \_\_\_\_\_. So sharp, some surgeons today \_\_\_\_\_ it over steel.
78. What was Tlahuicole's weapon? \_\_\_\_\_
79. True or False. Tlahuicole was a captive warrior in Tenochtitlan fighting for his life.
80. The Aztecs have created one of the most sophisticated \_\_\_\_\_ on the planet. A great city with laws against drunkenness, \_\_\_\_\_, and adultery. Compulsory \_\_\_\_\_ three and a half centuries before the United States. A city of philosophers, \_\_\_\_\_, mathematicians.
81. What do the Aztecs believe their gods need? \_\_\_\_\_
82. The warrior who cuts (Tlahuicole) down will get to wear his flayed \_\_\_\_\_ for twenty days. His family will eat his \_\_\_\_\_, giving them the status of gods.
83. True or False. Aztec priests only sacrifice a small number of adults per year during one of their most important ceremonies.
84. Tlahuicole's beating \_\_\_\_\_ offered to the god of sun and war, Huitzilopochtli, guardian of the \_\_\_\_\_. In return, the Aztecs believe, his blood will guarantee a bountiful \_\_\_\_\_.
85. What crop do the Aztecs grow that will become key to mankind's future?  
\_\_\_\_\_

## THE FALL OF CONSTANTINOPLE

17:30

86. True or False. Constantinople, eastern capital of the Christian world, was founded by Rome's first Muslim emperor, Constantine.
87. Hagia Sophia was the largest what of its day?  
\_\_\_\_\_
88. True or False. In 1453, Constantinople is under siege by an army of 70,000 Ottoman Turks, led by Sultan Mehmet the second.
89. If Mehmet can take Constantinople, he will control the key \_\_\_\_\_ routes between east and west, and the city's vast trade in \_\_\_\_\_.
90. What dried berry makes up two-thirds of the spice trade into Europe? \_\_\_\_\_
91. What major obstacle does the Sultan face as he tries to capture Constantinople as the jewel of a new Islamic Empire? \_\_\_\_\_
92. What is the key to the future of war? \_\_\_\_\_
93. If the \_\_\_\_\_ of Constantinople fall under bombardment by the Turks, the world will \_\_\_\_\_ be the same again. \_\_\_\_\_ cannons. Dedicated \_\_\_\_\_ working in shifts. Cool. Clean. Reload. \_\_\_\_\_ . Each cannon packed with up to \_\_\_\_\_ stone balls...Pounding the city, round the clock for \_\_\_\_\_ days.
94. True or False. Mehmet captures Constantinople, renames Istanbul, and because he is hostile to the west, forces Europeans to search for a new route to the riches of the east.

**DIAZ TRAVELS AROUND THE TIP OF AFRICA****26:30**

95. True or False. Diaz was a wealthy nobleman searching for a new route to Africa around the southern tip of India.
96. What has Diaz been using to navigate?  
\_\_\_\_\_
97. Caught in a \_\_\_\_\_ off the coast of Africa, searching for a new \_\_\_\_\_ to the east, Diaz has two options: risk death on the \_\_\_\_\_, or head out into the \_\_\_\_\_ Ocean and the unknown.
98. What becomes key to a new of exploration? \_\_\_\_\_
99. Out of sight of land for \_\_\_\_\_ days. No idea what lies ahead. His \_\_\_\_\_ are useless. Lost at sea. His fate now turns on a powerful force of nature \_\_\_\_\_ the waves. An ocean gyre, a vast circular \_\_\_\_\_ caused by prevailing winds working against the rotation of the \_\_\_\_\_, creating a conveyor belt of water \_\_\_\_\_ times more powerful than the Mississippi River.
100. Diaz claims the land in the name of \_\_\_\_\_ and country. It will become known as the Cape of \_\_\_\_\_. The key to a new \_\_\_\_\_ route to the east, bypassing Constantinople. A direct passage to \_\_\_\_\_. Within 50 years, it becomes one of the busiest \_\_\_\_\_ lanes in the world.

**COLUMBUS DISCOVERS THE AMERICAS****33:00**

101. October 12, \_\_\_\_\_. A date seared onto the hard drive of humanity. \_\_\_\_\_ sailors discover land. Leading them, an Italian: \_\_\_\_\_.
102. Christopher Columbus underestimated the distance to travel to China from Spain by how many miles? \_\_\_\_\_
103. Monarchs from what country finance Columbus's expedition?  
\_\_\_\_\_
104. After five weeks at sea, Columbus finally reaches land that he believes to be Japan, but which is in fact where? \_\_\_\_\_
105. True or False. The Bahamas are home to the Taino people.
106. Living in a different \_\_\_\_\_ for thousands of years, the people of the Americas have immunity to a deadly threat: \_\_\_\_\_.
107. What is Columbus on the search for?  
\_\_\_\_\_
108. Columbus returns to Spain a \_\_\_\_\_. His journeys open floodgates. All of \_\_\_\_\_ wants a piece of the Americas.

## CORTES CONQUERS TENOCHTITLAN

38:20

109. 28 years after Columbus, the lust for \_\_\_\_\_ is about to change the destiny of the New World, through the ambitions of one man: \_\_\_\_\_.

110. How many European adventurers did Cortes lead? \_\_\_\_\_

111. True or False. Aztec emperor Montezuma is the richest most powerful man in the Americas and rules over 25 million people.

112. True or False. Montezuma turn Cortes away from his palace.

113. What was Cortes's plan? \_\_\_\_\_

114. What are Montezuma's treasuries filled with? \_\_\_\_\_

115. True or False. The people of Tenochtitlan try to rescue their emperor from Cortes.

116. True or False. Montezuma was murdered by his own people, but Cortes escaped.

117. What lethal time bomb did the Spanish leave behind?

\_\_\_\_\_  
 118. 11 months after his \_\_\_\_\_, Cortes returns, his victory complete. He's hijacked the mighty \_\_\_\_\_ Empire. An empire of \_\_\_\_\_ million brought down by just \_\_\_\_\_ men.

# **ANSWER KEY**

## ***Mankind: The Story of All of Us***

### **Episode 7: New World**

from *The History Channel Series Mankind: the Story of All of Us*

#### **VIKINGS EXPLORE THE AMERICAS**

**0:00**

62. What allowed the Vikings to navigate the most treacherous waters on earth? **longboats**
63. From Scandinavia, warriors storm through **Europe**, raiding, settling, founding new cities, **connecting** the northern world.
64. Who were the first Europeans known to land in the Americas? **The Vikings**
65. Thorvald Eriksson. Legendary **explorer**. A hero whose exploits are remembered in **Viking** legend.
66. This land belongs to the Innu, descendants of the first **pioneers** who came into America **19,000** years before.
67. How many Native Americans live in the Americas? **90 million**
68. The Innu are expert **hunters**, armed with stone-tipped arrows. Swift. Silent. **Deadly**.
69. What is the Viking weapon of choice? **The iron broad ax**
70. Thorvald Eriksson. The first European to **die** on American soil. It will be **500** years before another European sets foot in the New World.

#### **AZTEC CIVILIZATION**

**7:40**

71. In the Americas, no **iron** tools or horses. No wheeled vehicles. Yet America's people engineered great **monuments** thousands of years before the Egyptians. They mapped the **stars** with as much accuracy as any astronomer in Europe.
72. **True** or False. Tenochtitlan, the capital of the Aztec Empire, was larger than London, Paris, or Rome.
73. What was the Aztec civilization dedicated to? **human blood**
74. At its heart, a stone **temple** 100 feet high, where sky, **earth**, and underworld meet.
75. To keep the **universe** in balance, the Aztecs believe they owe a debt of **blood** to their gods.
76. Aztec men are trained to **fight** from puberty. The fiercest become Jaguar **knights**. Their weapons, not metal, but obsidian, volcanic **glass**. So sharp, some surgeons today **favor** it over steel.
77. What was Tlahuicole's weapon? **A club decorated with feathers**
78. **True** or False. Tlahuicole was a captive warrior in Tenochtitlan fighting for his life.
79. The Aztecs have created one of the most sophisticated **civilizations** on the planet. A great city with laws against drunkenness, **theft**, and adultery. Compulsory **education** three and a half centuries before the United States. A city of philosophers, **poets**, mathematicians.
80. What do the Aztecs believe their gods need? **Human blood**
81. The warrior who cuts (Tlahuicole) down will get to wear his flayed **skin** for twenty days. His family will eat his **flesh**, giving them the status of gods.

82. True or **False**. Aztec priests only sacrifice a small number of adults per year during one of their most important ceremonies.
83. Tlahuicole's beating **heart** offered to the god of sun and war, Huitzilopochtli, guardian of the **universe**. In return, the Aztecs believe, his blood will guarantee a bountiful **harvest**.
84. What crop do the Aztecs grow that will become key to mankind's future? **Corn**

## THE FALL OF CONSTANTINOPLE

17:30

85. True or **False**. Constantinople, eastern capital of the Christian world, was founded by Rome's first Muslim emperor, Constantine.
86. Hagia Sophia was the largest what of its day? **Cathedral**
87. **True** or False. In 1453, Constantinople is under siege by an army of 70,000 Ottoman Turks, led by Sultan Mehmet the second.
88. If Mehmet can take Constantinople, he will control the key **trade** routes between east and west, and the city's vast trade in **spices**.
89. What dried berry makes up two-thirds of the spice trade into Europe? **Pepper**
90. What major obstacle does the Sultan face as he tries to capture Constantinople as the jewel of a new Islamic Empire? **Great defensive walls four miles long and 100-foot high**
91. What is the key to the future of war? **Non-stop artillery bombardment**
92. If the **walls** of Constantinople fall under bombardment by the Turks, the world will **never** be the same again. **69** cannons. Dedicated **teams** working in shifts. Cool. Clean. Reload. **Fire**. Each cannon packed with up to **10** stone balls...Pounding the city, round the clock for **53** days.
93. **True** or False. Mehmet captures Constantinople, renames Istanbul, and because he is hostile to the west, forces Europeans to search for a new route to the riches of the east.

## DIAZ TRAVELS AROUND THE TIP OF AFRICA

26:30

94. True or **False**. Diaz was a wealthy nobleman searching for a new route to Africa around the southern tip of India.
95. What has Diaz been using to navigate? **The coast**
96. Caught in a **storm** off the coast of Africa, searching for a new **route** to the east, Diaz has two options: risk death on the **rocks**, or head out into the **Atlantic** Ocean and the unknown.
97. What becomes key to a new of exploration? **Triangular lateen sail**
98. Out of sight of land for **13** days. No idea what lies ahead. His **maps** are useless. Lost at sea. His fate now turns on a powerful force of nature **beneath** the waves. An ocean gyre, a vast circular **current** caused by prevailing winds working against the rotation of the **earth**, creating a conveyor belt of water **4,000** times more powerful than the Mississippi River.
99. Diaz claims the land in the name of **god** and country. It will become known as the Cape of **Good Hope**. The key to a new **trade** route to the east, bypassing Constantinople. A direct passage to **India**. Within 50 years, it becomes one of the busiest **shipping** lanes in the world.

## COLUMBUS DISCOVERS THE AMERICAS

33:00

100. October 12, 1492. A date seared onto the hard drive of humanity. Spanish sailors discover land. Leading them, an Italian: Christopher Columbus.
101. Christopher Columbus underestimated the distance to travel to China from Spain by how many miles? 7,000
102. Monarchs from what country finance Columbus's expedition? Spain
103. After five weeks at sea, Columbus finally reaches land that he believes to be Japan, but which is in fact where? The Bahamas or the Americas
104. True or False. The Bahamas are home to the Taino people.
105. Living in a different ecosystem for thousands of years, the people of the Americas have immunity to a deadly threat: disease.
106. What is Columbus on the search for? Treasure or gold
107. Columbus returns to Spain a hero. His journeys open floodgates. All of Europe wants a piece of the Americas.

## CORTES CONQUERS TENOCHTITLAN

38:20

108. 28 years after Columbus, the lust for gold is about to change the destiny of the New World, through the ambitions of one man: Hernan Cortes.
109. How many European adventurers did Cortes lead? 500
110. True or False. Aztec emperor Montezuma is the richest most powerful man in the Americas and rules over 25 million people.
111. True or False. Montezuma turn Cortes away from his palace.
112. What was Cortes's plan? to kidnap the emperor
113. What are Montezuma's treasuries filled with? Gold
114. True or False. The people of Tenochtitlan try to rescue their emperor from Cortes.
115. True or False. Montezuma was murdered by his own people, but Cortes escaped.
116. What lethal time bomb did the Spanish leave behind? Small pox
117. 11 months after his escape, Cortes returns, his victory complete. He's hijacked the mighty Aztec Empire. An empire of 25 million brought down by just 500 men.





## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 8: TREASURE**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 59-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Silver flows out of the mines of the Americas, helping spur new empires and global links. The growth of trade doesn't just include products, it includes people. The brutal trans-Atlantic slave trade becomes an enormous human trafficking system, leading to enslavement of tens of millions of Africans. Pilgrims, searching for religious freedom, travel to the New World. Mankind is becoming increasingly connected, with transformative consequences.

**Keys Include: Silver, Trade, Slavery**

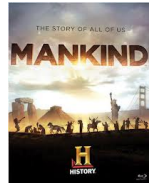
**Terms to define: catalyst, commodity, cultivate, encroachment, galleon, helm, iconic, incapacitated, pilgrim, reprisal**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 8: Treasure**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description:** Silver flows out of the mines of the Americas, helping spur new empires and global links. The growth of trade doesn't just include products, it includes people. The brutal trans-Atlantic slave trade becomes an enormous human trafficking system, leading to enslavement of tens of millions of Africans. Pilgrims, searching for religious freedom, travel to the New World. Mankind is becoming increasingly connected, with transformative consequences.

**FRANCIS DRAKE****0:00**

1. In 1579, who is the Englishman who helps launch a new age of piracy and becomes the most successful pirate in history?

2. Drake's secret partner-in-crime is the English \_\_\_\_\_, Elizabeth

I...He's already plundered over \_\_\_\_\_ Spanish ships. The King of \_\_\_\_\_ has put a price on his head, \_\_\_\_\_ dollars today, dead or alive.

3. What is the Spanish ship, the Cacafuego, carrying?

4. Why can't Drake risk an all out attack?

5. His plan: a surgical strike from \_\_\_\_\_ quarters, to take out the Spanish galleon's main \_\_\_\_\_ ...Two \_\_\_\_\_ balls chained together smash through the mast.

6. True or False. The pirate haul from the Cacafuego was enough to pay off England's entire national debt and fund the English government for a year.

**SILVER****5:30**

7. What is the key to the new global economy?

8. High in the Andes of \_\_\_\_\_ America, a discovery that will launch a new era in the story of mankind: Potosi, a mountain made of \_\_\_\_\_.

9. True or False. In Potosi, silver veins can be up to 12 feet thick.

10. But within \_\_\_\_\_ years, the richest silver ore is mined out, leaving Spanish engineers with a \_\_\_\_\_. The remaining ore is too low grade for the silver to be extracted using \_\_\_\_\_.

11. True or False. Bartolomeu Medina's secret formula of using mercury to extract silver is instantly successful.

12. Finally, a breakthrough. The missing ingredient, a common substance used to tan leather: \_\_\_\_\_. Reacting with mercury, the missing catalyst that

\_\_\_\_\_ the silver from its impurities. The key that turns the mines of \_\_\_\_\_ into the richest source of silver mankind has ever known.

13. How much silver was mined in Potosi each year?

14. What are the Spanish silver coins that become the world's first universal currency called?

15. True or False. The silver Spanish coin was legal tender in the United States until 1857.

16. What does the scroll and pillars of the Spanish royal crest inspire?

17. Spanish fleets ship \_\_\_\_\_ tons out of silver out of the Americas, creating a new Atlantic \_\_\_\_\_.

## TULIP MARKET IN THE NETHERLANDS

12:55

18. What becomes the world's new richest and busiest trading city?

19. A century after the \_\_\_\_\_ conquest of the New World, the riches of the Americas and an explosion of global \_\_\_\_\_, have turned the Netherlands into the \_\_\_\_\_ nation on the planet. The Dutch control over half the world's \_\_\_\_\_. More new millionaires than \_\_\_\_\_ else on earth. The highest income per head in \_\_\_\_\_. A city in love with \_\_\_\_\_.

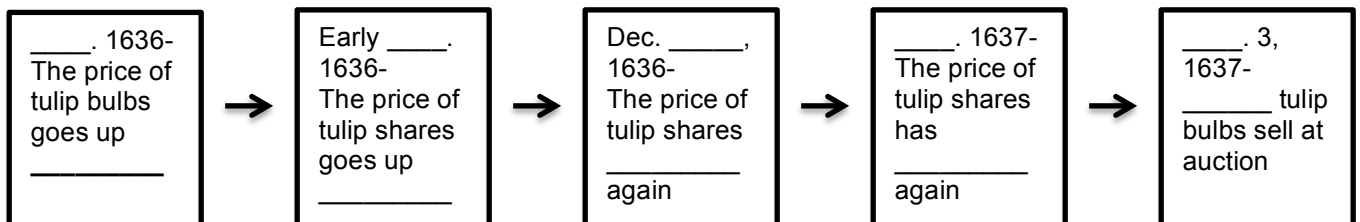
20. True or False. Jan Van Goyen was a successful artist who hated gambling.

21. What exotic luxury imported from Turkey is in demand in Amsterdam?

22. Today, a tulip bulb sells for about \_\_\_\_\_ cents, but in Holland in \_\_\_\_\_, the rarest bulbs are selling for \_\_\_\_\_ times their weight in \_\_\_\_\_.

23. True or False. Amsterdam's merchants give birth to speculation and the Future's Market when they begin to sell the rights to next years tulip harvest and not the bulbs themselves.

24. Fill in the Sequence Map below to illustrate how the price of tulip shares rose from November 1636 to January 1637.



25. True or False. The price of tulips crash and tulips once sold for 5,000 guilders are now worthless.

26. What did Jan Van Goyen do to pay off his tulip investment debt that made him famous?

## PILGRIMS

27. One group of \_\_\_\_\_ radicals will reject this world as corrupt and ungodly, and set on a \_\_\_\_\_ that will transform the future of a continent:  
\_\_\_\_\_.
28. What does this group call themselves? \_\_\_\_\_
29. Why did this group come to North America? \_\_\_\_\_
30. Within months, the Pilgrims are struggling to \_\_\_\_\_. They land at the start of a bitter New England \_\_\_\_\_. Their crops fail. Malnutrition. Starvation. \_\_\_\_\_. \_\_\_\_\_ men, women, and children make the crossing. \_\_\_\_\_ months later, \_\_\_\_\_ of them are dead.
31. Who does the land the Pilgrims have settled on belong to?  
\_\_\_\_\_
32. True or False. Mile Standish was not a soldier, but a simple Pilgrim.
33. 3,000 miles from home, the first \_\_\_\_\_ the Pilgrims encounter greets them in their own \_\_\_\_\_.
34. Samoset: a Wabenaki \_\_\_\_\_. His English learned from earlier \_\_\_\_\_ to this coast.
35. List three important things about Squanto.
- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
36. True or False. Squanto was kidnapped by the Spanish, sold into slavery, won his freedom, made his way to London, learned English, was hired as an interpreter, and eventually earned his passage back home.
37. Who was the governor of the Pilgrims? \_\_\_\_\_
38. True of False. The Pilgrims would have survived without Squanto's help.
39. What does Squanto teach the Pilgrims to use as fertilizer for the sandy soil?  
\_\_\_\_\_
40. What is the key to the Pilgrims survival? \_\_\_\_\_
41. \_\_\_\_\_ % of all Americans today are descended from these \_\_\_\_\_ 50 pioneers.
42. \_\_\_\_\_ pioneers who turned their back on a world devoted to making \_\_\_\_\_, lay the foundations of the \_\_\_\_\_, the greatest trading nation of the future.

## THE SLAVE TRADE

32:20

43. What commodity changes the destiny of Africa? \_\_\_\_\_
44. Who was Queen Nzinga Mbande's enemy? \_\_\_\_\_
45. In the \_\_\_\_\_ and Caribbean, the Spanish and Portuguese lay out vast new plantations of \_\_\_\_\_.
46. What new commodity arises out of the industrial scale agriculture in the Americas?  
\_\_\_\_\_
47. True or False. Queen Nzinga never sold African captives or prisoners of war to the Portuguese.
48. As the sugar trade \_\_\_\_\_, so does the demand for more African \_\_\_\_\_. Her former trading partners have \_\_\_\_\_ against her. They now want her \_\_\_\_\_ as slaves.
49. True or False. Queen Nzinga and her sisters successfully escape from the Portuguese slave traders.
50. Over \_\_\_\_\_ centuries, European slave traders will transport \_\_\_\_\_ million Africans to the New World, the majority from \_\_\_\_\_ Africa.
51. 250 years later \_\_\_\_\_ will be abolished. Mankind's taste for \_\_\_\_\_ transforms the face and civilization of \_\_\_\_\_ continents. Today, almost a \_\_\_\_\_ of the population of the Americas can trace their roots back to \_\_\_\_\_.

## TAJ MAHAL

39:00

52. How many people is Shah Jahan the emperor of in India? \_\_\_\_\_
53. What does 'Shah Jahan' mean?  
\_\_\_\_\_
54. Contributing to Jahan's wealth, a string of trading \_\_\_\_\_ along India's coast, drawing thousands of \_\_\_\_\_ merchants flush with American \_\_\_\_\_.
55. 100 \_\_\_\_\_ of silver pours into India each year, generating \_\_\_\_\_ in taxes paid to one man, Shah \_\_\_\_\_.
56. With the emperor on campaign, his favorite \_\_\_\_\_ in labor with their \_\_\_\_\_ child. Her name, Mumtaz Mahal, 'the \_\_\_\_\_ of the palace'.
57. True or False. Mumtaz Mahal is saved by Shah Jahan.
58. What does Shah Jahan commission for his beloved wife?  
\_\_\_\_\_
59. Global \_\_\_\_\_ and wealth on a vast new scale creates some of mankind's most iconic \_\_\_\_\_. We'll spend the next 350 years building \_\_\_\_\_ to our economic power and our connected world.

# **ANSWER KEY**

## **Mankind: The Story of All of Us Episode 8: Treasure**

from *The History Channel Series Mankind: the Story of All of Us*

### **FRANCIS DRAKE**

**0:00**

1. In 1579, who is the Englishman who helps launch a new age of piracy and becomes the most successful pirate in history? **Francis Drake**
2. Drake's secret partner-in-crime is the English **Queen**, Elizabeth I...He's already plundered over **70** Spanish ships. The King of **Spain** has put a price on his head, **10 million** dollars today, dead or alive.
3. What is the Spanish ship, the Cacafuego, carrying? **26 tons of silver from the Americas**
4. Why can't Drake risk an all out attack? **He doesn't want to sink the ship with the gold**
5. His plan: a surgical strike from **close** quarters, to take out the Spanish galleon's main **mast**...Two **cannon** balls chained together smash through the mast.
6. **True** or False. The pirate haul from the Cacafuego was enough to pay off England's entire national debt and fund the English government for a year.

### **SILVER**

**5:30**

7. What is the key to the new global economy? **American silver**
8. High in the Andes of **South** America, a discovery that will launch a new era in the story of mankind: Potosi, a mountain made of **silver**.
9. **True** or False. In Potosi, silver veins can be up to 12 feet thick.
10. But within **20** years, the richest silver ore is mined out, leaving Spanish engineers with a **problem**. The remaining ore is too low grade for the silver to be extracted using **heat**.
11. True or **False**. Bartolomeu Medina's secret formula of using mercury to extract silver is instantly successful.
12. Finally, a breakthrough. The missing ingredient, a common substance used to tan leather: **copper sulfate**. Reacting with mercury, the missing catalyst that **separates** the silver from its impurities. The key that turns the mines of **Potosi** into the richest source of silver mankind has ever known.
13. How much silver was mined in Potosi each year? **220 tons**
14. What are the Spanish silver coins that become the world's first universal currency called? **Pesos de ocho or pieces of eight**
15. **True** or False. The silver Spanish coin was legal tender in the United States until 1857.
16. What does the scroll and pillars of the Spanish royal crest inspire? **The dollar sign, \$**
17. Spanish fleets ship **50,000** tons out of silver out of the Americas, creating a new Atlantic **trade**.

### **TULIP MARKET IN THE NETHERLANDS**

**12:55**

18. What becomes the world's new richest and busiest trading city? **Amsterdam**
19. A century after the **Spanish** conquest of the New World, the riches of the Americas and an explosion of global **trade**, have turned the Netherlands into the **richest** nation on the planet.



The Dutch control over half the world's shipping. More new millionaires than anywhere else on earth. The highest income per head in Europe. A city in love with gambling.

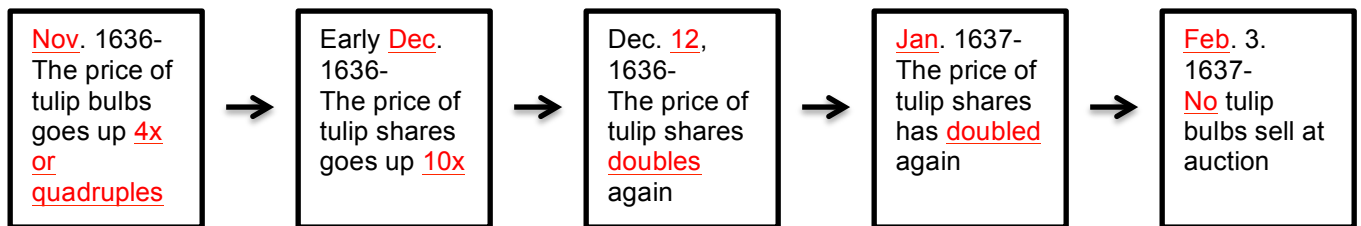
20. True or **False**. Jan Van Goyen was a successful artist who hated gambling.

21. What exotic luxury imported from Turkey is in demand in Amsterdam? The tulip

22. Today, a tulip bulb sells for about 50 cents, but in Holland in 1636, the rarest bulbs are selling for 100 times their weight in gold.

23. **True** or False. Amsterdam's merchants give birth to speculation and the Future's Market when they begin to sell the rights to next years tulip harvest and not the bulbs themselves.

24. Fill in the Sequence Map below to illustrate how the price of tulip shares rose from November 1636 to January 1637.



25. **True** or False. The price of tulips crash and tulips once sold for 5,000 guilders are now worthless.

26. What did Jan Van Goyen do to pay off his tulip investment debt that made him famous? Painted over 1,200 pictures and 800 drawings

## PILGRIMS

22:00

27. One group of religious radicals will reject this world as corrupt and ungodly, and set on a journey that will transform the future of a continent: North America.

28. What does this group call themselves? Pilgrims

29. Why did this group come to North America? Religious freedom

30. Within months, the Pilgrims are struggling to survive. They land at the start of a bitter New England winter. Their crops fail. Malnutrition. Starvation. Disease. 102 men, women, and children make the crossing. 6 months later, 50 of them are dead.

31. Who does the land the Pilgrims have settled on belong to? Wabenaki

32. True or **False**. Mile Standish was not a soldier, but a simple Pilgrim.

33. 3,000 miles from home, the first Native American the Pilgrims encounter greets them in their own language.

34. Samoset: a Wabenaki chief. His English learned from earlier visitors to this coast.

35. List three important things about Squanto.

a. diplomat

b. politician

c. he will teach the Pilgrims to survive in the New World

36. **True** or False. Squanto was kidnapped by the Spanish, sold into slavery, won his freedom, made his way to London, learned English, was hired as an interpreter, and eventually earned his passage back home.

37. Who was the governor of the Pilgrims? William Bradford

38. True or **False**. The Pilgrims would have survived without Squanto's help.
39. What does Squanto teach the Pilgrims to use as fertilizer for the sandy soil? **Cut up fish**
40. What is the key to the Pilgrims survival? **Corn**
41. **10%** of all Americans today are descended from these **first** 50 pioneers.
42. **50** pioneers who turned their back on a world devoted to making **money**, lay the foundations of the **United States**, the greatest trading nation of the future.

## THE SLAVE TRADE

32:20

43. What commodity changes the destiny of Africa? **Sugar**
44. What commodity changes the destiny of Africa? **Sugar**
45. Who was Queen Nzinga Mbande's enemy? **The Portuguese**
46. In the **Americas** and Caribbean, the Spanish and Portuguese lay out vast new plantations of **sugar cane**.
47. What new commodity arises out of the industrial scale agriculture in the Americas? **Human beings**
48. True or **False**. Queen Nzinga never sold African captives or prisoners of war to the Portuguese.
49. As the sugar trade **expands**, so does the demand for more African **slaves**. Her former trading partners have **turned** against her. They now want her **people** as slaves.
50. True or **False**. Queen Nzinga and her sisters successfully escape from the Portuguese slave traders.
51. Over **three** centuries, European slave traders will transport **15** million Africans to the New World, the majority from **Central** Africa.
52. 250 years later **slavery** will be abolished. Mankind's taste for **sugar** transforms the face and civilization of **two** continents. Today, almost a **fifth** of the population of the Americas can trace their roots back to **Africa**.

## TAJ MAHAL

39:00

53. How many people is Shah Jahan the emperor of in India? **100 million**
54. What does 'Shah Jahan' mean? **King of the world**
55. Contributing to Jahan's wealth, a string of trading **ports** along India's coast, drawing thousands of **European** merchants flush with American **silver**.
56. 100 **tons** of silver pours into India each year, generating **millions** in taxes paid to one man, Shah **Jahan**.
57. With the emperor on campaign, his favorite **wife** in labor with their **fourteenth** child. Her name, Mumtaz Mahal, 'the **jewel** of the palace'.
58. True or **False**. Mumtaz Mahal is saved by Shah Jahan.
59. What does Shah Jahan commission for his beloved wife? **A tomb, the Taj Mahal**
60. Global **trade** and wealth on a vast new scale creates some of mankind's most iconic **structures**. We'll spend the next 350 years building **monuments** to our economic power and our connected world.



## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 9: PIONEERS**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 71-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Mankind continues to advance technologically, learning how to master nature. In North America, Siberia and Australia, ancient traditions are swept away in the name of trade, commerce and science. Within a hundred years, the irrational fear that produced a witch trial in Salem gives way to a very rational cry for freedom. American revolutionaries confront a mighty empire. The battle for the modern world begins.

**Keys Include: Fur, Electricity, Lumber**

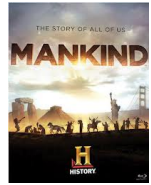
**Terms to define: aboriginal, botany, commerce, dialect, maritime, organism, palpable, superstition**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

**Mankind: The Story of All of Us**  
**Episode 9: Pioneers**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description:** Mankind continues to advance technologically, learning how to master nature. In North America, Siberia and Australia, ancient traditions are swept away in the name of trade, commerce and science. Within a hundred years, the irrational fear that produced a witch trial in Salem gives way to a very rational cry for freedom. American revolutionaries confront a mighty empire. The battle for the modern world begins.

**PURITANS, NEW ENGLAND 1676**

0:00

1. Two generations after the \_\_\_\_\_, 150,000 settlers cling to the edge of a vast \_\_\_\_\_.
2. How long have the Puritans been in New England? \_\_\_\_\_
3. How long have the Wabenaki been in New England? \_\_\_\_\_
4. How many hunter-gathers live across the planet in the 17<sup>th</sup> century? \_\_\_\_\_
5. In the New World, Native Americans out number settlers by nearly \_\_\_\_\_ to \_\_\_\_\_. It's \_\_\_\_\_.
6. What Lewis child survives the Wabenaki attack? \_\_\_\_\_

**SALEM WITCH TRIALS 1692**

3:27

7. 1692, Salem, \_\_\_\_\_. A community in meltdown. \_\_\_\_\_ year-old Martha Corey. Devout Christian and church goer, on trial for her \_\_\_\_\_.
8. Mercy Lewis, and \_\_\_\_\_ other women and girls, claim Corey is a \_\_\_\_\_. Haunting their \_\_\_\_\_, hurting them without touching them. \_\_\_\_\_ testifies.
9. What religious group do the people of Salem belong to? \_\_\_\_\_
10. True or False. The Puritans blame God for famine, disease and conflict.
11. How many are put to death in the 300-year-long witch hunting frenzy of the West? \_\_\_\_\_
12. Five people in \_\_\_\_\_ have already been accused. Now it is Martha Corey's word against her \_\_\_\_\_ accusers. Martha's only hope is that the \_\_\_\_\_ will see through the girls' hysteria.
13. In Salem, over \_\_\_\_\_ people are accused of witchcraft, among them, a four-year-old girl. \_\_\_\_\_ executions. \_\_\_\_\_ years later, one teenager withdraws her testimony, claiming to have been deceived by \_\_\_\_\_.
14. What happens to Martha Corey? \_\_\_\_\_
15. True or False. Salem is among the last of the mass witch hunts.

**FRONTIERSMEN & THE FUR TRADE****9:00**

16. Now the hunt for \_\_\_\_\_ is opening up the wilderness, beckoning a new breed of \_\_\_\_\_ in search of the earth's natural \_\_\_\_\_.

Hunters, frontiersmen.

17. How much larger than the U.S.A. is Siberia?

18. What commodity will reshape the world? \_\_\_\_\_

19. True or False. In the early 1700's the earth was experiencing a mini heat wave with the hottest temperatures in 10,000 years.

20. Who were the Evenki? \_\_\_\_\_

21. What are the Evenki arrow tips made out of?

22. What gives pioneers the edge over ancient cultures? \_\_\_\_\_

23. Invented in \_\_\_\_\_. Developed in Europe. Now, being mass-produced using \_\_\_\_\_, production skyrockets 10,000%.

24. How much faster is the muzzle velocity of a gun than the velocity of an arrow?

25. The wilderness is being \_\_\_\_\_. Hunter-gathers displaced. A conflict playing out across the \_\_\_\_\_.

26. True or False. The fur trade opens up Russia and the North American wilderness.

27. What new commercial capital is created because of the fur trade?

**FLAMSTEED'S MURAL ARC****16:00**

28. True or False. Only one in five ships transporting the natural resources of the New World make it safely to Europe.

29. Sailors navigate by measuring the angles between the \_\_\_\_\_ and the stars and comparing them with \_\_\_\_\_ charts, but these charts are basic and inaccurate.

30. One man will transform \_\_\_\_\_: astronomer to the English King, John Flamsteed. He'll unlock the keys to \_\_\_\_\_ trade and exploration by building his mural arc.

31. For \_\_\_\_\_ moths, Flamsteed has been building his mural arc, a \_\_\_\_\_ moved by a precision gearing system that measures the \_\_\_\_\_ of the stars in the night sky.

32. In today's money, how much does Flamsteed personally spend to bring his dream to life?

33. Flamsteed gives each \_\_\_\_\_ a unique marker. 28,000 measurements recording their exact position, tripling the number of known stars to nearly \_\_\_\_\_. The greatest breakthrough in navigation since the \_\_\_\_\_.

34. How much more accurate is the star chart than before? \_\_\_\_\_

**CAPTAIN COOK****21:15**

35. Who was mankind's greatest explorer? \_\_\_\_\_
36. What was the name of Cook's ship? \_\_\_\_\_
37. What ocean do they cross? \_\_\_\_\_
38. What continent do Cook and his crew discover? \_\_\_\_\_
39. How long ago did the Aborigine's settle this continent? \_\_\_\_\_
40. True or False. The Aborigine's have the oldest living culture in the world.
41. Who does Cook claim the land for? \_\_\_\_\_
42. Cook and his crew discover an \_\_\_\_\_ like no other. The biggest \_\_\_\_\_ on earth. A continent with its \_\_\_\_\_ unique evolution. \_\_\_\_\_ of its mammals found nowhere else on earth.
43. What man recorded all of the mammals and plants found in Australia?  
\_\_\_\_\_
44. How many plants does he collect on the expedition? \_\_\_\_\_
45. What was so special about the cargo the Endeavour carried back to Britain?  
\_\_\_\_\_
46. What happens to the Endeavour five weeks into the voyage?  
\_\_\_\_\_
47. As the men try to lighten the ship and refloat her, what is the only thing they won't throw overboard? \_\_\_\_\_
48. What is below Cook's ship? \_\_\_\_\_
49. Over \_\_\_\_\_ epic voyages, Cook maps Australia, \_\_\_\_\_, the Pacific Ocean, and the Americas. More of the \_\_\_\_\_ than any other explorer.

**BENJAMIN FRANKLIN****30:37**

50. What man is bringing the Scientific Revolution to America? \_\_\_\_\_
51. What destructive force of nature had mankind lived in fear of since the dawn of time?  
\_\_\_\_\_
52. True or False. A lightning strike is as powerful as a ton of TNT and is five times hotter than the sun.
53. Franklin believes lightning is a form of what? \_\_\_\_\_
54. What does Franklin use to test his theory?  
\_\_\_\_\_
55. From clouds, \_\_\_\_\_ electricity. The first \_\_\_\_\_ that lightning is electricity.
56. What invention comes out of Franklin's discovery? \_\_\_\_\_



## REBELLION IN AMERICA

36:55

57. An isolated rebellion in a New England \_\_\_\_\_ will erupt into war.
58. True or False. Ebenezer Mudgett made his fortune from wood.
59. What is the American settler's greatest source of profit? \_\_\_\_\_
60. A third of all British \_\_\_\_\_ are built in New England. One war ship uses \_\_\_\_\_ trees and costs the equivalent of a modern \_\_\_\_\_ carrier.
61. In Boston, there is \_\_\_\_\_ British redcoat for every \_\_\_\_\_ citizens.
62. What do colonists protest against? \_\_\_\_\_
63. What face off with British soldiers kills five civilians?  
\_\_\_\_\_
64. True or False. Mudgett supports the fact that the biggest trees are set aside for British ships by law.
65. Sheriff Benjamin Whiting charges Mudgett with doing what?  
\_\_\_\_\_
66. True or False. The Pine Tree Riot was an event in which Mudgett and his men attacked Sheriff Whiting and Deputy Quigley by striking them one time for every tree Mudgett was charged with stealing.
67. A year later in \_\_\_\_\_, Rebels destroy one million dollars worth of \_\_\_\_\_, one of the most famous acts of resistance in American history.
68. What war begins in Lexington in 1775? \_\_\_\_\_
69. In 1776 in Philadelphia, what does the Second Continental Congress vote to adopt?  
\_\_\_\_\_
70. Who edited this document? \_\_\_\_\_
71. In less than two centuries, mankind has opened up the \_\_\_\_\_ and mapped the planet, prospering from its natural \_\_\_\_\_. The Scientific Revolution has given rise to the \_\_\_\_\_ world.

# **ANSWER KEY**

## **Mankind: The Story of All of Us Episode 9: Pioneers**

from *The History Channel Series Mankind: the Story of All of Us*

### **PURITANS, NEW ENGLAND 1676**

**0:00**

1. Two generations after the Mayflower, 150,000 settlers cling to the edge of a vast wilderness.
2. How long have the Puritans been in New England? 30 years
3. How long have the Wabenaki been in New England? 12,000
4. How many hunter-gathers live across the planet in the 17<sup>th</sup> century? 55 million
5. In the New World, Native Americans out number settlers by nearly 6 to 1. It's war.
6. What Lewis child survives the Wabenaki attack? Mercy Lewis

### **SALEM WITCH TRIALS 1692**

**3:27**

7. 1692, Salem, Massachusetts. A community in meltdown. 65 year-old Martha Corey. Devout Christian and church goer, on trial for her life.
8. Mercy Lewis, and nine other women and girls, claim Corey is a witch. Haunting their dreams, hurting them without touching them. Mercy testifies.
9. What religious group do the people of Salem belong to? Puritans
10. True or **False**. The Puritans blame God for famine, disease and conflict.
11. How many are put to death in the 300-year-long witch hunting frenzy of the West? 45,000
12. Five people in Salem have already been accused. Now it is Martha Corey's word against her teenage accusers. Martha's only hope is that the judge will see through the girls' hysteria.
13. In Salem, over 100 people are accused of witchcraft, among them, a four-year-old girl. 20 executions. 14 years later, one teenager withdraws her testimony, claiming to have been deceived by Satan.
14. What happens to Martha Corey? She is hanged.
15. **True** or False. Salem is among the last of the mass witchhunts.

### **FRONTIERSMEN & THE FUR TRADE**

**9:00**

16. Now the hunt for profit is opening up the wilderness, beckoning a new breed of pioneer in search of the earth's natural resources. Hunters, frontiersmen.
17. How much larger than the U.S.A. is Siberia? 1.5 times larger, covers 10% of the earth's land
18. What commodity will reshape the world? Fur
19. True or **False**. In the early 1700's the earth was experiencing a mini heat wave with the hottest temperatures in 10,000 years.
20. Who were the Evenki? Swift and silent hunters who live in Siberia
21. What are the Evenki arrow tips made out of? Reindeer antler (can pierce a human skull)
22. What gives pioneers the edge over ancient cultures? The gun

23. Invented in China. Developed in Europe. Now, being mass-produced using cast iron, production skyrockets 10,000%.
24. How much faster is the muzzle velocity of a gun than the velocity of an arrow? 7 times
25. The wilderness is being tamed. Hunter-gathers displaced. A conflict playing out across the planet.
26. True or False. The fur trade opens up Russia and the North American wilderness.
27. What new commercial capital is created because of the fur trade? New York

## LAMSTEED'S MURAL ARC

16:00

28. True or False. Only one in five ships transporting the natural resources of the New World make it safely to Europe.
29. Sailors navigate by measuring the angles between the moon and the stars and comparing them with star charts, but these charts are basic and inaccurate.
30. One man will transform navigation: astronomer to the English King, John Flamsteed. He'll unlock the keys to global trade and exploration by building his mural arc.
31. For 14 months, Flamsteed has been building his mural arc, a telescope moved by a precision gearing system that measures the angle of the stars in the night sky.
32. In today's money, how much does Flamsteed personally spend to bring his dream to life? \$250,000 or a quarter of a million dollars
33. Flamsteed gives each star a unique marker. 28,000 measurements recording their exact position, tripling the number of known stars to nearly 3,000. The greatest breakthrough in navigation since the compass.
34. How much more accurate is the star chart than before? 15x

## CAPTAIN COOK

21:15

35. Who was mankind's greatest explorer? Captain James Cook
36. What was the name of Cook's ship? The Endeavour
37. What ocean do they cross? The Pacific
38. What continent do Cook and his crew discover? Australia
39. How long ago did the Aborigine's settle this continent? 50,000 years ago
40. True or False. The Aborigine's have the oldest living culture in the world.
41. Who does Cook claim the land for? The British Empire
42. Cook and his crew discover an ecosystem like no other. The biggest island on earth. A continent with its own unique evolution. 85% of its mammals found nowhere else on earth.
43. What man recorded all of the mammals and plants found in Australia? Joseph Banks
44. How many plants does he collect on the expedition? 30,000
45. What was so special about the cargo the Endeavour carried back to Britain? It carried animals and plants that were unknown to science.
46. What happens to the Endeavour five weeks into the voyage? It hits a reef and begins to sink
47. As the men try to lighten the ship and refloat her, what is the only thing they won't throw overboard? The scientific samples.
48. What is below Cook's ship? The Great Barrier Reef

49. Over three epic voyages, Cook maps Australia, New Zealand, the Pacific Ocean, and the Americas. More of the world than any other explorer.

## BENJAMIN FRANKLIN

30:37

50. What man is bringing the Scientific Revolution to America? Benjamin Franklin

51. What destructive force of nature had mankind lived in fear of since the dawn of time?

Lightning

52. True or False. A lightning strike is as powerful as a ton of TNT and is five times hotter than the sun.

53. Franklin believes lightning is a form of what? Electricity

54. What does Franklin use to test his theory? A specially adapted kite with a metal wire at the top and a metal key at the base

55. From clouds, static electricity. The first proof that lightning is electricity.

56. What invention comes out of Franklin's discovery? The lightning rod

## REBELLION IN AMERICA

36:55

57. An isolated rebellion in a New England lumberyard will erupt into war.

58. True or False. Ebenezer Mudgett made his fortune from wood.

59. What is the American settler's greatest source of profit? Forests

60. A third of all British ships are built in New England. One war ship uses 6,000 trees and costs the equivalent of a modern aircraft carrier.

61. In Boston, there is one British redcoat for every four citizens.

62. What do colonists protest against? Heavy taxes

63. What face off with British soldiers kills five civilians? The Boston Massacre

64. True or False. Mudgett supports the fact that the biggest trees are set aside for British ships by law.

65. Sheriff Benjamin Whiting charges Mudgett with doing what? Stealing from the King of England

66. True or False. The Pine Tree Riot was an event in which Mudgett and his men attacked Sheriff Whiting and Deputy Quigley by striking them one time for every tree Mudgett was charged with stealing.

67. A year later in Boston, Rebels destroy one million dollars worth of tea, one of the most famous acts of resistance in American history.

68. What war begins in Lexington in 1775? The war of independence or the American Revolution

69. In 1776 in Philadelphia, what does the Second Continental Congress vote to adopt? The Declaration of Independence

70. Who edited this document? Franklin

71. In less than two centuries, mankind has opened up the wilderness and mapped the planet, prospering from its natural resources. The Scientific Revolution has given rise to the modern world.



## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 10: REVOLUTIONS**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 64-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INCLUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: The thirst for freedom, equality and political liberty drives the Age of Revolutions. Mechanization of cloth and harnessing of coal fuels the Industrial Revolution. Cholera and other diseases devastate many nations, but mankind responds by developing clean water systems and new medical procedures. British control of the opium trade in China proves just how connected the world has become. Civil War rages in the United States. The struggle for equal rights and citizenship continues in places throughout the globe.

**Keys Include: Coal, Railroads, Modern Medicine, Factory**

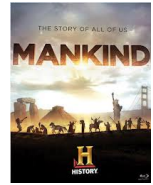
**Terms to define: agrarian, capitalism, colonial, consecrate, consumer, demographic, hinterland, profound, regime, seismic, tycoon, virulent**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 10: Revolutions**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description:** The thirst for freedom, equality and political liberty drives the Age of Revolutions. Mechanization of cloth and harnessing of coal fuels the Industrial Revolution. Cholera and other diseases devastate many nations, but mankind responds by developing clean water systems and new medical procedures. British control of the opium trade in China proves just how connected the world has become. Civil War rages in the United States. The struggle for equal rights and citizenship continues in places throughout the globe.

**BRITISH SURRENDER AT YORKTOWN**

0:00

1. Yorktown, Virginia. \_\_\_\_\_ troops rout the British army taking \_\_\_\_\_ prisoners. The end of a six-year \_\_\_\_\_. Ragtag revolutionary forces defeat the greatest military \_\_\_\_\_ on the planet.
2. Lieutenant Colonel Tench Tilghman. Hand-picked by George \_\_\_\_\_ for a critical mission: to deliver news of the British \_\_\_\_\_ to the Continental Congress in Philadelphia.
3. What new kind of nation is born? \_\_\_\_\_
4. True or False. The success of the American Revolution inspires Revolutions in France, Greece, Poland, Belgium, Haiti, Bolivia, Columbia and Peru.
5. At the same time as the political revolutions, what other revolution was under way?  
\_\_\_\_\_

**INDUSTRIAL REVOLUTION**

4:40

6. What tool, with potentially unlimited power, does mankind develop? \_\_\_\_\_
7. What country does the Industrial Revolution begin in? \_\_\_\_\_
8. True or False. Neighbors suspect Arkwright and John Kay, a clockmaker, of practicing witchcraft because they work at night and in secret.
9. Arkwright's machine turns raw \_\_\_\_\_ into \_\_\_\_\_ more efficiently than any human being. He becomes the world's first \_\_\_\_\_ tycoon.
10. What kind of workplace does Arkwright create? \_\_\_\_\_
11. True or False. Cotton production in England falls due to Arkwright's invention.
12. How many factories are in England by 1850? \_\_\_\_\_



## THE RAILROAD

77  
8:40

13. What natural resource made factories possible? \_\_\_\_\_
14. Coal turns to \_\_\_\_\_ and opens the age of mass \_\_\_\_\_.
15. What does steam drive? \_\_\_\_\_
16. 1852. West Virginia. A railroad linking \_\_\_\_\_ to the Midwest, across \_\_\_\_\_ miles of mountainous terrain. America \_\_\_\_\_.
17. True or False. Just like the horse, the railroad triples the distance we can cover in a day.
18. What is the obstacle LaTrobe and the Baltimore-Ohio Railroad face as they try to link Baltimore to the Midwest? \_\_\_\_\_
19. What explosive force helps LaTrobe tunnel through the mountain? \_\_\_\_\_
20. What pioneers are providing the muscle for this railroad project? \_\_\_\_\_
21. America's most challenging \_\_\_\_\_ projects cost one worker's \_\_\_\_\_ for every \_\_\_\_\_ of track.
22. How long after construction begins does the Baltimore-Ohio railroad line open?  
\_\_\_\_\_

## MEGACITIES & DISEASE

16:25

23. In the western world, in \_\_\_\_\_ years, the number of \_\_\_\_\_ dwellers triples from 50 to more than \_\_\_\_\_ million. The industrial megacity is chaotic, \_\_\_\_\_, and filthy. A perfect breeding ground for \_\_\_\_\_.
24. True or False. Poor sanitation was the number one cause of death in the world.
25. List at least three descriptors for London in the early 1850s.  
\_\_\_\_\_  
\_\_\_\_\_
26. What disease is plaguing the city? \_\_\_\_\_
27. What man is determined to stop the spread of the disease? \_\_\_\_\_
28. True or False. Snow believes cholera is carried by foul air and not in water.
29. Cholera is compared to what other deadly disease that ravaged Europe?  
\_\_\_\_\_
30. List at least three symptoms of cholera. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
31. What does Snow discover? \_\_\_\_\_
32. The pump is just three feet from what? \_\_\_\_\_
33. When the authorities remove the \_\_\_\_\_ from the pump the outbreak \_\_\_\_\_.
34. John Snow's method of \_\_\_\_\_ the spread of \_\_\_\_\_ is still used today.
35. What is the stench of open sewers in London called? \_\_\_\_\_
36. What is the key to cities of the future? \_\_\_\_\_
37. How many miles of tunnels make up the London Sewer System? \_\_\_\_\_
38. True or False. Over the next 40 years, new sewer systems in Europe's cities will help reduce death and water born disease by up to 25%.

## OPIUM

28:20<sup>78</sup>

39. The Industrial Age turns Britain into what? \_\_\_\_\_
40. What nation does Britain challenge? \_\_\_\_\_
41. True or False. China embraces global trade with other countries.
42. What is the most lucrative commodity on the planet? \_\_\_\_\_
43. \_\_\_\_\_ million Chinese are addicted. \_\_\_\_\_  
times more than the number of heroin addicts in the U.S. today. Draining China's  
\_\_\_\_\_ reserves and tearing the country apart.
44. What ironic thing does the Chinese emperor do? \_\_\_\_\_
45. True or False. James Innes was an opium drug trafficker for Britain who refused  
to stop trading drugs in China and helps start a war.
46. True or False. Britain has 26 times the manpower of China, but China has ten  
times the firepower Britain.
47. True or False. Britain loses the war and stops selling opium to China.

## GETTYSBURG

36:09

48. The industrial \_\_\_\_\_ versus the agrarian  
\_\_\_\_\_. States grown \_\_\_\_\_ from farming, but an  
economy based on the labor of four million \_\_\_\_\_.
49. Who is America's new president during the Civil War? \_\_\_\_\_
50. The North is fighting to preserve what? \_\_\_\_\_
51. The South is fighting to preserve what? \_\_\_\_\_
52. July \_\_\_\_\_. Gettysburg, Pennsylvania. After  
\_\_\_\_\_ years of Civil War, the Confederate army \_\_\_\_\_  
the North.
53. True or False. Gettysburg will be the bloodiest battle ever fought on U.S. soil.
54. \_\_\_\_\_ in the North gives the Union an edge, the  
\_\_\_\_\_ military technology: the .52-caliber \_\_\_\_\_  
Carbine.
55. How many times faster is the Union musket than the rebel musket? \_\_\_\_\_
56. What does the Union musket fire? \_\_\_\_\_
57. In this war, \_\_\_\_\_ will lose their lives.
58. What medical progresses comes out of the carnage of the Civil War?  
\_\_\_\_\_  
\_\_\_\_\_
59. True or False. Survival rates during the Civil War skyrocket by 60%.
60. From the North, How many tons of supplies arrive in Gettysburg in just one-day?  
\_\_\_\_\_
61. The North's \_\_\_\_\_ might secures them ultimate victory.  
\_\_\_\_\_ months later, Abraham Lincoln consecrates the battlefield as a  
\_\_\_\_\_.
62. What speech does Lincoln give at the dedication? \_\_\_\_\_
63. How many slaves gain their freedom? \_\_\_\_\_
64. Who wins the Civil War? \_\_\_\_\_

# **ANSWER KEY**

## **Mankind: The Story of All of Us Episode 10: Revolutions**

from *The History Channel Series Mankind: the Story of All of Us*

### **BRITISH SURRENDER AT YORKTOWN**

**0:00**

1. Yorktown, Virginia. **Rebel** troops rout the British army taking **7,000** prisoners. The end of a six-year **struggle**. Ragtag revolutionary forces defeat the greatest military **power** on the planet.
2. Lieutenant Colonel Tench Tilghman. Hand-picked by George **Washington** for a critical mission: to deliver news of the British **surrender** to the Continental Congress in Philadelphia.
3. What new kind of nation is born? **Democracy**
4. **True** or False. The success of the American Revolution inspires Revolutions in France, Greece, Poland, Belgium, Haiti, Bolivia, Columbia and Peru.
5. At the same time as the political revolutions, what other revolution was under way? **The Industrial Revolution**

### **INDUSTRIAL REVOLUTION**

**4:40**

6. What tool, with potentially unlimited power, does mankind develop? **The machine**
7. What country does the Industrial Revolution begin in? **England**
8. **True** or False. Neighbors suspect Arkwright and John Kay, a clockmaker, of practicing witchcraft because they work at night and in secret.
9. Arkwright's machine turns raw **cotton** into **thread** more efficiently than any human being. He becomes the world's first **industrial** tycoon.
10. What kind of workplace does Arkwright create? **The factory**
11. True or **False**. Cotton production in England falls due to Arkwright's invention.
12. How many factories are in England by 1850? **4,000**

### **THE RAILROAD**

**8:40**

13. What natural resource made factories possible? **Coal**
14. Coal turns to **steam** and opens the age of mass **transportation**.
15. What does steam drive? **The railroad**
16. 1852. West Virginia. A railroad linking **Baltimore** to the Midwest, across **380** miles of mountainous terrain. America **transformed**.
17. True or **False**. Just like the horse, the railroad triples the distance we can cover in a day.
18. What is the obstacle LaTrobe and the Baltimore-Ohio Railroad face as they try to link Baltimore to the Midwest? **The Appalachian Mountains**
19. What explosive force helps LaTrobe tunnel through the mountain? **gunpowder**
20. What pioneers are providing the muscle for this railroad project? **Irish immigrants**
21. America's most challenging **railroad** projects cost one worker's **life** for every **mile** of track.

22. How long after construction begins does the Baltimore-Ohio railroad line open? 2 ½ years

## MEGACITIES & DISEASE

16:25

23. In the western world, in 50 years, the number of city dwellers triples from 50 to more than 150 million. The industrial megacity is chaotic, overcrowded, and filthy. A perfect breeding ground for disease.
24. **True** or False. Poor sanitation was the number one cause of death in the world.
25. List at least three descriptors for London in the early 1850s. crowded, dirty, slums (etc)
26. What disease is plaguing the city? Cholera
27. What man is determined to stop the spread of the disease? Physician John Snow
28. True or **False**. Snow believes cholera is carried by foul air and not in water.
29. Cholera is compared to what other deadly disease that ravaged Europe? The Black Plague
30. List at least three symptoms of cholera. Stomach cramps, thirst, diarrhea, vomiting
31. What does Snow discover? All the victims used the Broad Street pump
32. The pump is just three feet from what? An open sewer
33. When the authorities remove the handle from the pump the outbreak stops.
34. John Snow's method of mapping the spread of disease is still used today.
35. What is the stench of open sewers in London called? The Great Stink
36. What is the key to cities of the future? Engineering
37. How many miles of tunnels make up the London Sewer System? 1,300 miles
38. **True** or False. Over the next 40 years, new sewer systems in Europe's cities will help reduce death and water born disease by up to 25%.

## OPIUM

28:20

39. The Industrial Age turns Britain into what? A world power
40. What nation does Britain challenge? China
41. True or **False**. China embraces global trade with other countries.
42. What is the most lucrative commodity on the planet? Opium
43. 12 million Chinese are addicted. 15 times more than the number of heroin addicts in the U.S. today. Draining China's silver reserves and tearing the country apart.
44. What ironic thing does the Chinese emperor do? Ban opium despite using it himself
45. **True** or False. James Innes was an opium drug trafficker for Britain who refused to stop trading drugs in China and helps start a war.
46. True or **False**. Britain has 26 times the manpower of China, but China has ten times the firepower Britain.
47. True or **False**. Britain loses the war and stops selling opium to China.

## GETTYSBURG

48. The industrial North versus the agrarian South. States grown rich from farming, but an economy based on the labor of four million slaves.
49. Who is America's new president during the Civil War? Abraham Lincoln
50. The North is fighting to preserve what? The Union
51. The South is fighting to preserve what? Its economy based on slave labor
52. July 1863. Gettysburg, Pennsylvania. After two years of Civil War, the Confederate army invades the North.
53. True or False. Gettysburg will be the bloodiest battle ever fought on U.S. soil.
54. Industry in the North gives the Union an edge, the latest military technology: the .52-caliber Sharp's Carbine.
55. How many times faster is the Union musket than the rebel musket? Four times
56. What does the Union musket fire? An aerodynamic bullet called the minie ball
57. In this war, 600,000 will lose their lives.
58. What medical progress comes out of the carnage of the Civil War? Field hospitals, professional doctors, chloroform as an anesthetic, female nurses
59. True or False. Survival rates during the Civil War skyrocket by 60%.
60. From the North, How many tons of supplies arrive in Gettysburg in just one-day? 15 tons
61. The North's industrial might secures them ultimate victory. Four months later, Abraham Lincoln consecrates the battlefield as a cemetery.
62. What speech does Lincoln give at the dedication of the cemetery? The Gettysburg Address
63. How many slaves gain their freedom? Four million
64. Who wins the Civil War? The Union



## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 11: SPEED**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 68-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INLCUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Mankind mobilizes toward modernity. In places like Japan, ancient traditions merge with newfound technologies. Some nations emerge as superpowers, amassing military might. From steamships such as the Titanic to skyscrapers like the Empire State Building, humans create infrastructure and vast communications networks. But progress has its dark side. The demand for rubber devastates Africa; warfare and poverty continue to threaten human survival and longevity.

**Keys Include: Steel, Migration, Rubber, Skyscrapers**

**Terms to define: apocalyptic, colonial, liberating, mass production, reformer, rivets, tenement, micro-organisms**

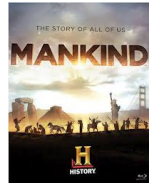




Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 11: Speed**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description:** Mankind mobilizes toward modernity. In places like Japan, ancient traditions merge with newfound technologies. Some nations emerge as superpowers, amassing military might. From steamships such as the Titanic to skyscrapers like the Empire State Building, humans create infrastructure and vast communications networks. But progress has its dark side. The demand for rubber devastates Africa; warfare and poverty continue to threaten human survival and longevity.

**MASS PRODUCTION**

**0:00**

1. Where was the Confederate Capital? \_\_\_\_\_
2. True or False. The Confederates plan to defend their capital till the last man standing.
3. The American Civil War, the bloodiest \_\_\_\_\_ in U.S. history.  
 \_\_\_\_\_ Americans dead. More than World Wars I and II  
 \_\_\_\_\_.
4. In modern ages what is they key to the success of mankind? \_\_\_\_\_
5. Four out of \_\_\_\_\_ factories are in the North, making  
 \_\_\_\_\_ times more weapons, \_\_\_\_\_ times more  
 ammunition.
6. Many Southerners still live a life based on what? \_\_\_\_\_
7. Herring and Kent are meant to \_\_\_\_\_ the South's most valued  
 commodity: \_\_\_\_\_, and to destroy food and supplies, anything that  
 could be of use to \_\_\_\_\_ troops.
8. True or False. The Richmond fire only burned the warehouses and the city was left in  
 tact waiting for the Confederates to return.
9. What happens six days after the burning of Richmond? \_\_\_\_\_
10. What new cause do men now fight for? \_\_\_\_\_
11. How many U.S. patents were issued in 40 years? \_\_\_\_\_
12. New inventions \_\_\_\_\_ produced. Identical \_\_\_\_\_  
 made separately, put together on the assembly \_\_\_\_\_. High volume,  
 low \_\_\_\_\_. Around the world a chain reaction. Industry expands  
 \_\_\_\_\_.
13. What country had a medieval way of life isolated from western progress? \_\_\_\_\_
14. The Samurai live and die by what? \_\_\_\_\_
15. Samurai sword- Made from hammered \_\_\_\_\_.  
 \_\_\_\_\_ layers, each 100,000 of an \_\_\_\_\_ thick.  
 Sharp enough to slice through \_\_\_\_\_ human bodies at a time.
16. What dies Iwasaki do? \_\_\_\_\_  
 \_\_\_\_\_

17. Iwasaki enters the barbershop a Samurai, but leaves a what? \_\_\_\_\_
18. What company does Iwasaki create? \_\_\_\_\_
19. What does this company build ships out of? \_\_\_\_\_
20. In just over a \_\_\_\_\_, Mitsubishi becomes the world's largest corporation building \_\_\_\_\_, planes, and \_\_\_\_\_.
21. Japan learns in a \_\_\_\_\_ what the west developed in a \_\_\_\_\_ . Today, it's the planet's \_\_\_\_\_ richest nation.

## SINKABLE TITANIC

14:34

22. What do the Irish workers build out of steel? \_\_\_\_\_
23. True or False. The Titanic is advertised as being unsinkable.
24. April 14, \_\_\_\_\_. R.M.S. Titanic bound for \_\_\_\_\_. Mankind puts its faith in \_\_\_\_\_. On board, a Morse Code message system, the \_\_\_\_\_ telegraph.
25. True or False. At 9:40 p.m. the Titanic received a warning about heavy ice and icebergs from another ship eight miles ahead.
26. How many passengers are on the Titanic? \_\_\_\_\_
27. True or False. A ticket for passage on the Titanic was inexpensive.
28. Steamships power the greatest \_\_\_\_\_ in human history. Over half a century, \_\_\_\_\_ in \_\_\_\_\_ people on the planet emigrate. The most popular destination, across the Atlantic: \_\_\_\_\_.
29. How many people migrate to the U.S.A.? \_\_\_\_\_
30. Why doesn't Jack Phillips hear about the iceberg warning? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
31. Why was the Titanic not able to avoid the iceberg?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
32. Which cabins flood first? \_\_\_\_\_
33. What is the new international distress signal? \_\_\_\_\_
34. Why doesn't the Californian come to the Titanic's rescue?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
35. How much water pours into the Titanic? \_\_\_\_\_
36. Why can't the third class passengers get up to the deck? \_\_\_\_\_
37. April \_\_\_\_\_, 1912, \_\_\_\_\_ A.M. Two and three quarter hours after hitting an \_\_\_\_\_, Titanic, the unsinkable ship, \_\_\_\_\_.
38. How cold is the water? \_\_\_\_\_
39. How long would it take to die of hypothermia in the water? \_\_\_\_\_
40. How many passengers and crew never reach New York? \_\_\_\_\_

**RUBBER REVOLUTION****25:26**

41. What does inventor Charles Goodyear want to figure out how to make more useful and resilient? \_\_\_\_\_
42. What does Goodyear add that provides a breakthrough? \_\_\_\_\_
43. The result, a material \_\_\_\_\_ like leather but \_\_\_\_\_. He calls the process vulcanization after the Roman God of \_\_\_\_\_.
44. True or False. Almost every machine in the Industrial Revolution relies on rubber fittings and seals.
45. The Congo. \_\_\_\_\_ square miles. Over \_\_\_\_\_ rubber plants. Under \_\_\_\_\_ colonial rule. The \_\_\_\_\_ of darkness.
46. What does the Congolese man bring to Alice Harris? \_\_\_\_\_
47. For \_\_\_\_\_ years, Belgium's King Leopold has run the \_\_\_\_\_ as his own private estate. Millions forced to tap \_\_\_\_\_. The \_\_\_\_\_ line his pockets.
48. What happens when workers don't make their quota? \_\_\_\_\_
49. How many Congolese die during 15 years of Leopold's ruler? \_\_\_\_\_

**POWER OF PHOTOGRAPHY****32:45**

50. Alice Harris will expose the \_\_\_\_\_ of Leopold's regime and shift \_\_\_\_\_ opinion. A \_\_\_\_\_ that will change mankind.
51. Harris will tell the world what is happening in the \_\_\_\_\_, that children are routinely \_\_\_\_\_ as a warning to villagers. The weapon: a \_\_\_\_\_.
52. How much did the first cameras weigh? \_\_\_\_\_
53. How many amateurs have a camera by 1900? \_\_\_\_\_
54. Harris takes hundreds of \_\_\_\_\_ in the Congo. They are published in \_\_\_\_\_ across the world, shocking \_\_\_\_\_ of readers.
55. True or False. Mark Twain joins the Congo Reform Association to campaign against the atrocities.
56. The campaign forces King Leopold to \_\_\_\_\_ the Congo and the rubber trade. \_\_\_\_\_, a new power in a modern world. \_\_\_\_\_ to illuminating the planet's darkest corners.

## WAR ON BACTERIA

37:10

57. In Europe, the great powers are at \_\_\_\_\_. Mass production means new \_\_\_\_\_ more lethal than ever.
58. List three of the new weapons used during WWI. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
59. How many people die in WWI? \_\_\_\_\_
60. What do 1/3 of the people during WWI die from? \_\_\_\_\_
61. What is the life expectancy on the front line during WWI in France? \_\_\_\_\_
62. True or False. Alexander Fleming was a bacteriologist on a quest to discover how to successfully treat wounds infected by bacteria.
63. What do some species of bacteria release that cripple the immune system and spread disease? \_\_\_\_\_
64. True or False. Bacteria have killed more people than all the wars in history combined.
65. By WWI, doctors realize there is a link between \_\_\_\_\_ and disease, but can't stop \_\_\_\_\_ from spreading. They tried and tested cure, cut away \_\_\_\_\_, douse it in antiseptic, carbolic \_\_\_\_\_. A deadly trade off. The acid disinfects wounds but also \_\_\_\_\_ white blood cells. The body's natural \_\_\_\_\_ against bacteria.
66. What does Fleming discover while working in a hospital in London in 1928?  
\_\_\_\_\_
67. Within 15 years, penicillin saves \_\_\_\_\_ lives a year. A miracle drug. The world's first \_\_\_\_\_. Today we make \_\_\_\_\_ tons of it every year.
68. Medicine for \_\_\_\_\_ in a world shaped by mass \_\_\_\_\_.

# **ANSWER KEY**

## **Mankind: The Story of All of Us Episode 11: Speed**

from *The History Channel Series Mankind: the Story of All of Us*

### **MASS PRODUCTION**

**0:00**

1. Where was the Confederate Capital? **Richmond, Virginia**
2. True or **False**. The Confederates plan to defend their capital till the last man standing.
3. The American Civil War, the bloodiest **war** in U.S. history. **600,000** Americans dead. More than World Wars I and II **combined**.
4. In modern ages what is they key to the success of mankind? **Mass production**
5. Four out of **five** factories are in the North, making **25** times more weapons, **six** times more ammunition.
6. Many Southerners still live a life based on what? **Farming**
7. Herring and Kent are meant to **burn** the South's most valued commodity: **tobacco**, and to destroy food and supplies, anything that could be of use to **Union** troops.
8. True or **False**. The Richmond fire only burned the warehouses and the city was left in tact waiting for the Confederates to return.
9. What happens six days after the burning of Richmond? **The South surrenders**
10. What new cause do men now fight for? **Progress**
11. How many U.S. patents were issued in 40 years? **400,000**
12. New inventions **mass** produced. Identical **parts** made separately, put together on the assembly **line**. High volume, low **cost**. Around the world a chain reaction. Industry expands **700%**.
13. What country had a medieval way of life isolated from western progress? **Japan**
14. The Samurai live and die by what? **The sword**
15. Samurai sword- Made from hammered **steel**. **32,000** layers, each 100,000 of an **inch** thick. Sharp enough to slice through **five** human bodies at a time.
16. What dies Iwasaki do? **Removes his top knot and rejects the old order**
17. Iwasaki enters the barbershop a Samurai, but leaves a what? **Entrepreneur**
18. What company does Iwasaki create? **Mitsubishi**
19. What does this company build ships out of? **Steel**
20. In just over a **century**, Mitsubishi becomes the world's largest corporation building **ships**, planes, and **cars**.
21. Japan learns in a **decade** what the west developed in a **century**. Today, it's the planet's **third** richest nation.

### **SINKABLE TITANIC**

**14:34**

22. What do the Irish workers build out of steel? **The Titanic**
23. **True** or False. The Titanic is advertised as being unsinkable.
24. April 14, **1912**. R.M.S. Titanic bound for **New York**. Mankind puts its faith in **technology**. On board, a Morse Code message system, the **wireless** telegraph.

25. **True** or False. At 9:40 p.m. the Titanic received a warning about heavy ice and icebergs from another ship eight miles ahead.
26. How many passengers are on the Titanic? **1,316**
27. True or **False**. A ticket for passage on the Titanic was inexpensive.
28. Steamships power the greatest **migration** in human history. Over half a century, **one** in **20** people on the planet emigrate. The most popular destination, across the Atlantic: **America**.
29. How many people migrate to the U.S.A.? **26 million**
30. Why doesn't Jack Phillips hear about the iceberg warning? **He is too busy sending personal messages for the first class passengers**
31. Why was the Titanic not able to avoid the iceberg? **It was going too fast, it didn't know it was there until it was too late**
32. Which cabins flood first? **3<sup>rd</sup> class**
33. What is the new international distress signal? **S.O.S.**
34. Why doesn't the Californian come to the Titanic's rescue? **The telegraph was turned off 15 minutes earlier, so they didn't receive the S.O.S. signal**
35. How much water pours into the Titanic? **10 million gallons**
36. Why can't the third class passengers get up to the deck? **The doors were locked**
37. April **15**, 1912, **2:28** A.M. Two and three quarter hours after hitting an **iceberg**, Titanic, the unsinkable ship, **sinks**.
38. How cold is the water? **Three degrees below freezing**
39. How long would it take to die of hypothermia in the water? **15 minutes**
40. How many passengers and crew never reach New York? **1,503**

## RUBBER REVOLUTION

25:26

41. What does inventor Charles Goodyear want to figure out how to make more useful and resilient? **rubber**
42. What does Goodyear add that provides a breakthrough? **sulfur**
43. The result, a material **tough** like leather but **flexible**. He calls the process vulcanization after the Roman God of **fire**.
44. **True** or False. Almost every machine in the Industrial Revolution relies on rubber fittings and seals.
45. The Congo. **900,000** square miles. Over **2 billion** rubber plants. Under **brutal** colonial rule. The **heart** of darkness.
46. What does the Congolese man bring to Alice Harris? **The severed hand and foot of his daughter**
47. For **19** years, Belgium's King Leopold has run the **Congo** as his own private estate. Millions forced to tap **rubber**. The **profits** line his pockets.
48. What happens when workers don't make their quota? **They are whipped**
49. How many Congolese die during 15 years of Leopold's ruler? **10 million**

## POWER OF PHOTOGRAPHY

32:45

50. Alice Harris will expose the **brutality** of Leopold's regime and shift **world** opinion. A **photograph** that will change mankind.



51. Harris will tell the world what is happening in the Congo, that children are routinely maimed as a warning to villagers. The weapon: a camera.
52. How much did the first cameras weigh? 110 pounds
53. How many amateurs have a camera by 1900? 2 million
54. Harris takes hundreds of photos in the Congo. They are published in newspapers across the world, shocking millions of readers.
55. True or False. Mark Twain joins the Congo Reform Association to campaign against the atrocities.
56. The campaign forces King Leopold to quit the Congo and the rubber trade. Mass media, a new power in a modern world. Key to illuminating the planet's darkest corners.

## WAR ON BACTERIA

37:10

57. In Europe, the great powers are at war. Mass production means new weapons more lethal than ever.
58. List three of the new weapons used during WWI. The Howitzer, the machine gun, the tank
59. How many people die in WWI? 8.5 million
60. What do 1/3 of the people during WWI die from? Disease
61. What is the life expectancy on the front line during WWI in France? 6 weeks
62. True or False. Alexander Fleming was a bacteriologist on a quest to discover how to successfully treat wounds infected by bacteria.
63. What do some species of bacteria release that cripple the immune system and spread disease? toxins
64. True or False. Bacteria have killed more people than all the wars in history combined.
65. By WWI, doctors realize there is a link between bacteria and disease, but can't stop infection from spreading. They tried and tested cure, cut away tissue, douse it in antiseptic, carbolic acid. A deadly trade off. The acid disinfects wounds but also attacks white blood cells. The body's natural defense against bacteria.
66. What does Fleming discover while working in a hospital in London in 1928? Penicillin
67. Within 15 years, penicillin saves one million lives a year. A miracle drug. The world's first antibiotic. Today we make 45,000 tons of it every year.
68. Medicine for millions in a world shaped by mass production.



## **MANKIND: THE STORY OF ALL OF US**

### **EPISODE 12: NEW FRONTIERS**

**THIS WORKSHEET SET INCLUDES, IN ORDER, A 47-QUESTION FILL-IN-THE-BLANK, TRUE OR FALSE, AND SHORT ANSWER WORKSHEET. THE SET ALSO INLCUDES, IN ORDER, AN ANSWER KEY.**

EPISODE SUMMARY FROM THE HISTORY CHANNEL: Mankind builds increasingly complex systems, feeding billions of people, reshaping the landscape and re-engineering the human body. Modern food cultivation enables population explosions while uranium enables incredible destruction. Mankind travels to the moon and performs heart transplants. Globally, people continue to struggle for civil rights, equality and peace. 100,000 years ago there were a few thousand hunter-gatherers on the African savannas. Today there are 7 billion of us in every corner of the globe.

**Keys Include: Uranium, DNA, Vaccination, Nitrogen, Space Travel**

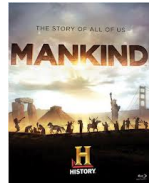
**Terms to define: ravage, hybrid, tundra, permafrost, integrated, ballistics, cosmic, apocalyptic, pervade, protest, innovation, pandemic**



Name \_\_\_\_\_ Date \_\_\_\_\_ # \_\_\_\_\_

***Mankind: The Story of All of Us***  
**Episode 12: New Frontiers**

from *The History Channel Series Mankind: The Story of All of Us*



**History Channel episode description:** Mankind builds increasingly complex systems, feeding billions of people, reshaping the landscape and re-engineering the human body. Modern food cultivation enables population explosions while uranium enables incredible destruction. Mankind travels to the moon and performs heart transplants. Globally, people continue to struggle for civil rights, equality and peace. 100,000 years ago there were a few thousand hunter-gatherers on the African savannas. Today there are 7 billion of us in every corner of the globe.

**INCREASING FOOD SUPPLY**

**0:00**

1. Today, over \_\_\_\_\_ billion humans on planet earth. In just four generations, our population has grown by over \_\_\_\_\_ billion. Faster in the first \_\_\_\_\_ years of the twentieth century than in the previous \_\_\_\_\_.
2. What happened to the Midwest in 1935? \_\_\_\_\_  
\_\_\_\_\_
3. Where do many Midwestern families head? \_\_\_\_\_
4. What wonder crop does Roswell Garst believe will save the Midwest?  
\_\_\_\_\_
5. Why are farmers initially reluctant to buy the seed from Garst? \_\_\_\_\_  
\_\_\_\_\_
6. Garst gambles everything. He gives farmer the seed for \_\_\_\_\_ in return for a share of their \_\_\_\_\_. Across fifty counties, in \_\_\_\_\_ states, during the worst drought every, miraculous \_\_\_\_\_.
7. What other revolutionary product does Garst sell? \_\_\_\_\_
8. Today almost every industrial \_\_\_\_\_ uses nitrogen fertilizer. Garst becomes an international \_\_\_\_\_ consultant and one of the largest \_\_\_\_\_ suppliers in the world.
9. With new crops and \_\_\_\_\_, we've grown more in the last \_\_\_\_\_ years than in the previous \_\_\_\_\_.

## ROAD BUILDING BOOM

8:00

10. 1942. Mankind's first truly global \_\_\_\_\_. In Europe, \_\_\_\_\_ Germany dominates. In the Pacific, Imperial \_\_\_\_\_. The largest state in the U.S., \_\_\_\_\_, dangerously close to Asia and isolated.
11. Now, \_\_\_\_\_ American soldiers blaze an impossible trail, the Alcan Highway, to link \_\_\_\_\_ to west coast \_\_\_\_\_ and the rest of the \_\_\_\_\_. An engineering challenge that will connect a \_\_\_\_\_.
12. What are four challenges or obstacles the men faced while building the Alcan Highway?
- \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
13. True or False. 1/3 of the Alcan Highway workforce in Alaska was African American soldiers.
14. What obstacle did the army encounter that stalled the highway? \_\_\_\_\_
15. True or False. General Hoag told his men to ditch the bulldozers and use tree trunks and branches to finish the Alcan Highway.
16. With \_\_\_\_\_ closing in, two teams, one \_\_\_\_\_ and one \_\_\_\_\_, battle the weather to \_\_\_\_\_ the final stretch.
17. What happened on October 29, 1942? \_\_\_\_\_
18. Within six years, the U.S. Army is racially \_\_\_\_\_. The Alcan Highway complete is part of a \_\_\_\_\_ mile road, the world's longest drivable route, running the length of the \_\_\_\_\_.
19. Within half a \_\_\_\_\_, the world is \_\_\_\_\_ in a network of roads long enough to stretch to the \_\_\_\_\_ and back \_\_\_\_\_ times.

## NUCLEAR POWER

16:21

20. August 6, \_\_\_\_\_. Two miles above the \_\_\_\_\_ Ocean, bomber pilot Col. Bob Tibbets, 30 years old, a military prodigy, is on a secret mission to end \_\_\_\_\_.
21. What weapon is the ultimate projection of power? \_\_\_\_\_
22. What is the code name of the bomb on Tibbet's plane? \_\_\_\_\_
23. What is the bomb's target? Hiroshima, \_\_\_\_\_
24. The core of the bomb, \_\_\_\_\_. Born in a cosmic explosion \_\_\_\_\_ billion years ago before the birth of our planet. Dormant until scientists split its \_\_\_\_\_ unleashing an apocalyptic power to annihilate our \_\_\_\_\_ or fuel our \_\_\_\_\_.
25. Dawn, 850 miles from \_\_\_\_\_, an American B-29 bomber, the Enola Gay, carries the most destructive \_\_\_\_\_ in the history of mankind.
26. 9:14 A.M. A sixty second \_\_\_\_\_ tone. Below them, a city of \_\_\_\_\_ people. Tibbets has \_\_\_\_\_ to escape the blast zone. An explosion \_\_\_\_\_ times hotter than the surface of the \_\_\_\_\_. The bomb kills more than \_\_\_\_\_ instantly. Three days later, a \_\_\_\_\_ atom bomb. \_\_\_\_\_ surrenders.
27. Today, there are over \_\_\_\_\_ nuclear warheads able to destroy our species \_\_\_\_\_ over.
28. What is the third largest generator of electricity? \_\_\_\_\_
29. In the twentieth century, \_\_\_\_\_ and \_\_\_\_\_ are the keys to enhancing our world.

## ORGAN TRANSPLANTATION

25:20

30. What is Barnard planning to do in Capetown in 1967? \_\_\_\_\_
31. What new technology is key to the operation? \_\_\_\_\_
32. True or False. Barnard had done 50 heart transplants on dogs and just as many on humans.
33. How many times does the human heart beat in an average life? \_\_\_\_\_
34. What will the life support machine do for Louis Washkansky?  
\_\_\_\_\_
35. True or False. The donor heart immediately begins to beat on its own once the life support machine is turned off (the first time).
36. How many heart transplants a year do U.S. surgeons perform? \_\_\_\_\_

MASS MEDIA

37. Why are 600 African Americans marching in Selma, Alabama in 1965?

38. Racism rules in the \_\_\_\_\_. Only \_\_\_\_\_ of blacks in the southern states are registered \_\_\_\_\_.

39. White authorities block their path with \_\_\_\_\_ and \_\_\_\_\_ intimidation. The only option, \_\_\_\_\_.

40. What was the group's destination? \_\_\_\_\_

41. Why does Jim Clark deputize every white male over 21? \_\_\_\_\_

42. True or False. The protestors are given a three-minute warning to disperse and go home, but when they refuse the police attack ninety seconds later.

43. True or False. Laurens Pierce videotapes the attack and rushes the footage to New York.

44. \_\_\_\_\_ minutes of raw footage interrupts ABC's Sunday night \_\_\_\_\_. The birth of breaking TV \_\_\_\_\_. By 1965, 9 out of 10 American families own a \_\_\_\_\_. Over 70% of the \_\_\_\_\_ population, watch the evening news. All \_\_\_\_\_ networks show the Selma violence. \_\_\_\_\_ million viewers.

45. Within \_\_\_\_\_ days, President Lyndon Johnson proposes the Voting Rights Act, outlawing voter \_\_\_\_\_. Landmark legislation. A turning point for Civil \_\_\_\_\_ in America.

46. Media for the \_\_\_\_\_ means repression won't go \_\_\_\_\_. In a world of instant communication, everyone has a \_\_\_\_\_.

47. We are the product of our \_\_\_\_\_. 100,000 years ago the emergence of an extraordinary \_\_\_\_\_ ... A hunger to survive, fuels a power to \_\_\_\_\_ ... Our thirst for knowledge. A quest to \_\_\_\_\_ ... We forge \_\_\_\_\_, but contact can bring \_\_\_\_\_ ... Mankind's most enduring enemy, \_\_\_\_\_ ... Yet, in our \_\_\_\_\_ moments, we find enlightenment, and with all we've learned we face the \_\_\_\_\_ ... Now, a new journey into inner \_\_\_\_\_ ... That same instinct to \_\_\_\_\_ ourselves, will fuel the exploration of our \_\_\_\_\_, will unlock the power of the \_\_\_\_\_, and reach out into \_\_\_\_\_ ... The next step, a new \_\_\_\_\_ ... The story of mankind is only just \_\_\_\_\_.



# **ANSWER KEY**

## **Mankind: The Story of All of Us**

### **Episode 12: New Frontiers**

from *The History Channel Series Mankind: the Story of All of Us*

#### **INCREASING FOOD SUPPLY**

**0:00**

1. Today, over 7 billion humans on planet earth. In just four generations, our population has grown by over 5 billion. Faster in the first fifty years of the twentieth century than in the previous 50,000.
2. What happened to the Midwest in 1935? Dust storms ravage farmland and the worse drought in U.S. history
3. Where do many Midwestern families head? California
4. What wonder crop does Roswell Garst believe will save the Midwest? Hybrid corn
5. Why are farmers initially reluctant to buy the seed from Garst? It costs fifty times more than ordinary corn
6. Garst gambles everything. He gives farmer the seed for free in return for a share of their profits. Across fifty counties, in two states, during the worst drought every, miraculous growth.
7. What other revolutionary product does Garst sell? Nitrogen fertilizer
8. Today almost every industrial farm uses nitrogen fertilizer. Garst becomes an international farming consultant and one of the largest seed suppliers in the world.
9. With new crops and fertilizers, we've grown more in the last 100 years than in the previous 10,000.

#### **ROAD BUILDING BOOM**

**8:00**

10. 1942. Mankind's first truly global war. In Europe, Nazi Germany dominates. In the Pacific, Imperial Japan. The largest state in the U.S., Alaska, dangerously close to Asia and isolated.
11. Now, 11,000 American soldiers blaze an impossible trail, the Alcan Highway, to link Alaska to west coast Canada and the rest of the United States. An engineering challenge that will connect a continent.
12. What are four challenges or obstacles the men faced while building the Alcan Highway? 1,500 miles of forests and tundra, 200 rivers, the highest mountains in North America, and it had to be completed in 8 months before the Alaska winter
13. True or False. 1/3 of the Alcan Highway workforce in Alaska was African American soldiers.
14. What obstacle did the army encounter that stalled the highway? Permafrost
15. True or False. General Hoag told his men to ditch the bulldozers and use tree trunks and branches to finish the Alcan Highway.
16. With winter closing in, two teams, one black and one white, battle the weather to complete the final stretch.

17. What happened on October 29, 1942? [The two ends of the road met, the Alcan Highway was finished](#)
18. Within six years, the U.S. Army is racially [integrated](#). The Alcan Highway complete is part of a [16,000](#) mile road, the world's longest drivable route, running the length of the [Americas](#).
19. Within half a [century](#), the world is [wrapped](#) in a network of roads long enough to stretch to the [moon](#) and back [20](#) times.

## NUCLEAR POWER

16:21

20. August 6, [1945](#). Two miles above the [Pacific](#) Ocean, bomber pilot Col. Bob Tibbets, 30 years old, a military prodigy, is on a secret mission to end [WWII](#).
21. What weapon is the ultimate projection of power? [The atom bomb](#)
22. What is the code name of the bomb on Tibbet's plane? [Little Boy](#)
23. What is the bomb's target? Hiroshima, [Japan](#)
24. The core of the bomb, [uranium](#). Born in a cosmic explosion [six](#) billion years ago before the birth of our planet. Dormant until scientists split its [atoms](#) unleashing an apocalyptic power to annihilate our [species](#) or fuel our [future](#).
25. Dawn, 850 miles from [Japan](#), an American B-29 bomber, the Enola Gay, carries the most destructive [weapon](#) in the history of mankind.
26. 9:14 A.M. A sixty second [warning](#) tone. Below them, a city of [350,000](#) people. Tibbets has [43 seconds](#) to escape the blast zone. An explosion [10,000](#) times hotter than the surface of the [sun](#). The bomb kills more than [60,000](#) instantly. Three days later, a [second](#) atom bomb. [Japan](#) surrenders.
27. Today, there are over [19,000](#) nuclear warheads able to destroy our species [20 times](#) over.
28. What is the third largest generator of electricity? [Nuclear power](#)
29. In the twentieth century, [technology](#) and [science](#) are the keys to enhancing our world.

## ORGAN TRANSPLANTATION

25:20

30. What is Barnard planning to do in Capetown in 1967? [Heart transplant](#)
31. What new technology is key to the operation? [Life support machine](#)
32. True or [False](#). Barnard had done 50 heart transplants on dogs and just as many on humans.
33. How many times does the human heart beat in an average life? [2.5 billion](#)
34. What will the life support machine do for Louis Washkansky? [The work of the heart](#)
35. True or [False](#). The donor heart immediately begins to beat on its own once the life support machine is turned off (the first time).
36. How many heart transplants a year do U.S. surgeons perform? [2,500](#)

37. Why are 600 African Americans marching in Selma, Alabama in 1965? The right to vote
38. Racism rules in the South. Only 25% of blacks in the southern states are registered voters.
39. White authorities block their path with red tape and police intimidation. The only option, protest.
40. What was the group's destination? The state capital, Montgomery
41. Why does Jim Clark deputize every white male over 21? To help stop the African Americans from marching to Montgomery
42. True or False. The protestors are given a three-minute warning to disperse and go home, but when they refuse the police attack ninety seconds later.
43. True or False. Laurens Pierce videotapes the attack and rushes the footage to New York.
44. 15 minutes of raw footage interrupts ABC's Sunday night movie. The birth of breaking TV news. By 1965, 9 out of 10 American families own a television. Over 70% of the adult population, watch the evening news. All three networks show the Selma violence. 45 million viewers.
45. Within 15 days, President Lyndon Johnson proposes the Voting Rights Act, outlawing voter discrimination. Landmark legislation. A turning point for Civil Rights in America.
46. Media for the masses means repression won't go unseen. In a world of instant communication, everyone has a voice.
47. We are the product of our history. 100,000 years ago the emergence of an extraordinary species... A hunger to survive, fuels a power to invent...Our thirst for knowledge. A quest to explore...We forge connections, but contact can bring conflict...Mankind's most enduring enemy, disease...Yet, in our darkest moments, we find enlightenment, and with all we've learned we face the future...Now, a new journey into inner space...That same instinct to discover ourselves, will fuel the exploration of our universe, will unlock the power of the sun, and reach out into space...The next step, a new home...The story of mankind is only just beginning.