



High School Science Virtual Learning

Applied Biological Science

Pandemics

May 06, 2020



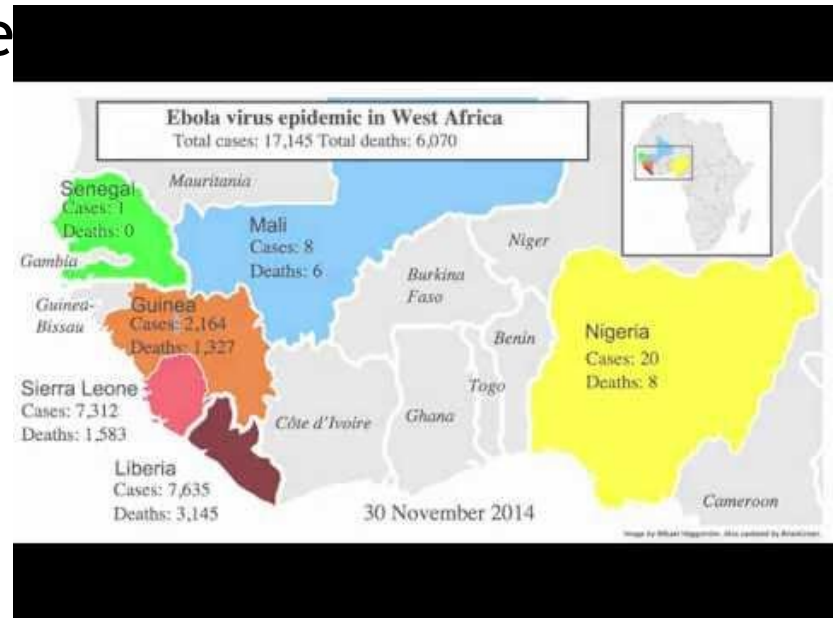
High School Applied Biological Science
Lesson: May 6th, 2020

Objective/Learning Target:
**Students will learn about pandemics and their effects on
humanity.**

Let's Get Started:

Watch the video then answer the following questions.

1. Define Epidemic
2. Define Pandemic





Let's Get Started: **Answers**

1. A disease that occurs at a high rate in a given area
2. A disease that occurs at a high rate and moves from one geographical area to multiple others



Lesson Activity:

Directions: Watch the video “How Pandemics Spread”, take notes on the different pandemics throughout history and their impacts on humanity. Then answer the practice questions in the following slides.

Link(s): [How Pandemics Spread](#)



Practice

You will use the information from the activity on slide 3 to answer the following questions.



Practice Questions

1. How have humans increased the facilitation of the spread of viruses and bacteria between humans and cattle?
2. What are the most common causes of epidemics?
3. Can we find evidence of pandemics from ancient civilizations?
4. What are the other names given to the plague of the 1400's?
5. What is the greatest pandemic killer?
6. How was a pandemic avoided during the SARS Outbreak?



Answer Key

Once you have completed the practice questions check with the work.

1. Humans have increased the facilitation of the passing of viruses from animals to humans due to agriculture and air travel, they make it easier and faster for humans to be in contact with viruses that live in animals.
2. Measles, HIV, and Influenza
3. Yes, for example we have found evidence of tuberculosis in ancient egyptian mummies.
4. The Great Mortality and Black Death
5. Influenza
6. The world reacted quickly and cut off air travel to other countries. Only 29 countries were affected.



More Practice Questions

Go to the following link to find additional practice for pandemics and vocabulary.

[Pandemic Quizizz](#)



Additional Resources

[The Great Flu Game](#)

[About Pandemics](#)