

Name _____ Scientific Curiosity and Vaccine Discoveries

Lesson 3: Measles Vaccine – Fill-in-the-Blanks

Fill in the missing words. Choose from:

before outbreak Hilleman separate 6000 weakening blood
1000 microbe Persian virus

Make sure to SPELL each word correctly. Write neatly.

1. The first written account of measles was made by a _____ doctor more than _____ years ago.
2. A disease-causing germ is called a _____.
3. Dr. Francis Home discovered that measles is caused by a microbe in the _____.
4. In the U.S, about _____ people died per year in the first decade of tracking measles. This was many years _____ a measles vaccine was developed.
5. Enders and Peebles were able to collect enough samples to study measles and develop a vaccine because there was an _____ of measles in one location, Boston, in the US.
6. To isolate means to _____ from the rest. Enders and Peebles were able to isolate the measles _____ so they could study it.
7. Dr. Maurice _____ created an improved measles vaccine by _____ the virus.



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A ***symptom*** is a change in the body or mind which indicates that a disease is present.

Circle or highlight any words or phrases that are ***symptoms of measles***.

runny nose cycling cough fever allergies muscle cramps rash

Circle another symptom that measles can cause.

- a) Inflamed eyelids
- b) Whites of eyes are yellow, eyes can be sensitive to light
- c) Irises change colour, brown to blue or blue to green
- d) Red, inflamed eyes that can be sensitive to light

Circle another symptom that measles can cause.

- a) Rash that spreads to many parts of the body and lasts 4 to 7 days
- b) Rash on the face and neck that lasts for 1-2 days
- c) Rash that spreads to a few parts of the body and lasts 8-10 days
- d) Rash that starts on the face and neck and may or may not spread

Contagious (kuhn-tay-juhs) means a disease that is likely to spread to and affect others. Measles is SUPER contagious because...

- a) The measles virus can survive on surfaces for hours
- b) The measles virus can survive by jumping on and off pets and onto people
- c) The measles virus can survive in small droplets in the air for hours
- d) a) and c)
- e) All the above

How many deaths from measles in 2022 did the World Health Organization report?

- a) 56,000 measles deaths globally
- b) 86,000 measles deaths globally
- c) 106,000 measles deaths globally

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d) 136,000 measles deaths globally



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