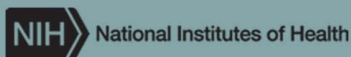


How We Grow



The Partnership in Education

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Name: _____

Date: _____

Directions

As you watch the video How We Grow, answer the questions given below. You can use the information from the video, as well as any prior knowledge you have about the topic to answer the questions.

1. What topic was Sammie's homework assignment on?

2. Who were the voices coming from Sammy's shoes?

3. Using numbers 1 through 5, arrange the following phrases in the correct order to represent how bacteria grow and reproduce.

_____ Two new bacteria cells are made.

_____ Bacteria eats food found in their surroundings.

_____ DNA makes a copy of itself.

_____ The cell grows bigger and bigger.

_____ The cell divides into half.

4. Write down what the fish wondered after learning about how bacteria reproduce.

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5. Predict a problem that Obelia may face when they reproduce in the same place.

6. Do you think all jellyfish are the same? Explain why or why not.

7. Fill in the blanks.

The egg of a jellyfish and a _____ of a jellyfish combine to form a new _____. Each egg and sperm have _____ copy/ies of DNA.

8. According to the fish, why did Sammie's mom grow zebra fish in her lab?

9. As the cells multiply in the zebra fish egg, do all the cells stay the same? Explain your answer.

10. Write the correct science term for the "thing that you swallow bugs with. The thing that gets full when you eat a lot of bugs, and the, and the"

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11. Which cells (middle, inner, outer) of the chicken egg make the
Digestive system - _____ cells
Muscles and bones - _____ cells
Skin and nerves - _____ cells

12. “You have a baby sister Sammie? Where did she come from? Did your mom lay an egg like a chicken?” What did Sammie use to find the answers to these questions?

13. Identify the function of stem cells.

14. Make a list of all the things stem cells listen to when they are developing.

15. Write down three things the woman’s body provides for the developing cell.

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16. Draw a diagram to represent how bones in our body grow.

17. Do you think your brain will stop developing? Explain why or why not.

18. How does the brain store memories? Draw a flow diagram to illustrate your answer.

19. List two things you can do to keep your brain healthy as you grow older.