

Name: _____ Date: _____

Answer Key: Your Mission to Meet the Science Squad: A Kindergarten Adventure

Beyond identifying tools, young explorers will predict which scientist studies a wiggly worm versus a giant rocket ship.

1. A scientist sees a shiny green beetle crawling on a leaf. Which Science Squad member helps us learn about bugs and plants?

Answer: C) A Life Scientist (Biology)

Biology (Life Science) is the branch of science where we study all living things, including tiny bugs and big trees.

2. True or False: A scientist who studies the moon and the stars is called an Astronomer.

Answer: A) True

Astronomy is the special branch of science focused on objects way up in the sky, like planets and stars.

3. When you drop a ball and notice it always falls down to the floor, you are acting like a ___ scientist.

Answer: A) Physics

Physics helps us understand how things move and why they fall down toward the ground.

4. You find a bumpy, gray stone and a smooth, red stone. Which type of science focuses on studying rocks and the ground?

Answer: B) Earth Science

Earth Science is all about the materials that make up our planet, like soil, mountains, and rocks.

5. If you mix baking soda and vinegar to see a fizzy explosion, you are studying ___.

Answer: B) Chemistry

Chemistry is the branch of science that looks at what things are made of and how they change when mixed.

6. True or False: A doctor who checks your heartbeat is using a part of Life Science.

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Answer: A) True

Since humans are living things, doctors use biology (Life Science) to understand how our bodies work.

7. Which scientist would be the most worried about trash in the ocean and keeping the water clean for fish?

Answer: B) An Environmental Scientist

Environmental scientists study how to protect our world and keep the air and water healthy for everyone.

8. An Astronomer uses a ___ to see things that are very far away in space.

Answer: C) Telescope

A telescope is the specific tool used in astronomy to look at planets and stars.

9. True or False: If you are studying how a caterpillar turns into a butterfly, you are doing Earth Science.

Answer: B) False

False. Earth science is about rocks and weather. Studying a butterfly is part of Biology (Life Science).

10. If you want to know why it is sunny today but rainy tomorrow, which branch of science should you study?

Answer: A) Earth Science (Weather)

Weather is a major part of Earth Science because it happens in the air around our planet.