

Name: _____ Date: _____

Super Scientific Study: Second Grade's Specialized Science Quiz

Construct connections between complex scientific roles and real-world problems by categorizing professional investigative techniques and tools.

1. A scientist finds a strange rock that looks like a giant tooth. They want to find out if it belongs to a dinosaur that lived long ago. Which branch of science should they use?

- A. Physics
- B. Chemistry
- C. Earth Science
- D. Astronomy

2. True or False: A scientist studying how a ladybug breathes is practicing 'Physical Science' because the ladybug is moving.

- A. True
- B. False

3. If you are trying to invent a new glue that is stronger than any other, you are mostly using _____ because you are mixing materials to see how they change.

- A. Biology
- B. Chemistry
- C. Astronomy
- D. Environmental Science

4. Imagine a scientist is designing a special suit that helps a diver stay warm in freezing ocean water. Which two branches are they combining?

- A. Astronomy and Chemistry
- B. Physics and Biology
- C. Earth Science and Astronomy
- D. Biology and Physics

5. True or False: A scientist who tracks a hurricane to warn people to stay safe is working in a branch of Earth Science.

- A. True
- B. False

6. When a scientist uses a giant telescope to look for planets that might have water, they are working in the field of _____.

- A. Physics
- B. Environmental Science
- C. Astronomy

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D. Chemistry

7. Which of these scientists is solving an 'Environmental Science' problem?

- A. Someone measuring how fast a ball rolls
- B. Someone counting the stars in the sky
- C. Someone finding a way to clean trash out of the ocean
- D. Someone timing how long it takes a seed to grow

8. A scientist is testing why a magnet can pull a paperclip through a piece of paper. This study of forces and energy is called _____.

- A. Physics
- B. Life Science
- C. Geology
- D. Zoology

9. True or False: If you are studying how smoke from a factory affects the health of local birds, you are using both Life Science and Environmental Science.

- A. True
- B. False

10. You see a scientist wearing a hard hat, looking at crystals inside a cave. What is their most likely branch of study?

- A. Astronomy
- B. Earth Science
- C. Physics
- D. Biology