

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key: Wrangle the World of Science: Your Pre-K Discovery Quiz

Young learners synthesize knowledge by identifying scientific roles and predicting how experts like 'Ocean Doctors' or 'Star Watchers' solve real-world mysteries.

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**1. If you find a colorful, bumpy rock in your backyard and want to know how it got there, which scientist should you invite to lunch?**

**Answer:** A) A Geologist (Earth Scientist)

Geologists are scientists who study rocks and how the Earth is made.

**2. True or False: A scientist who studies living things (Biology) would be the best person to help you understand how a tiny seed grows into a giant sunflower.**

**Answer:** A) True

Biology is the study of life, which includes plants, animals, and how they grow.

**3. Imagine you are an Astronomer. You look through a big telescope at night. What are you most likely looking for?**

**Answer:** C) Sparkling stars and the glowing moon

Astronomers study space, stars, and planets far away from Earth.

**4. You see a bird building a nest with twigs and mud. If you want to draw a map of where all the nests are, you are acting like which kind of scientist?**

**Answer:** B) A Biologist watching animals

Observing how animals live and build homes is a key part of Biology.

**5. True or False: If you are curious about why your toy car slides faster on wood than on a rug, you are thinking like a Physicist.**

**Answer:** A) True

Physics is the branch of science that looks at how things move and the forces that push or pull them.

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**6. An Environmental Scientist wants to keep our playgrounds clean. What is something they would ask you to do?**

**Answer:** B) Pick up litter and recycle plastic

Environmental scientists study how to protect our world and keep our air, water, and land clean.

**7. A Chemist loves to see how things change when they are mixed. Which of these is a 'chemistry' change you can see in a kitchen?**

**Answer:** B) Baking gooey dough into a crunchy cookie

Chemistry involves ingredients reacting together to create something new, like a baked cookie.

**8. True or False: A scientist who studies 'Meteorology' (part of Earth Science) is the one who tells us if we need to wear a raincoat or a sun hat today.**

**Answer:** A) True

Meteorologists study the weather patterns and the air around the Earth.

**9. If you want to design a robot that can jump over a puddle, you need to use \_\_\_\_\_, which is the science of how things work and move.**

**Answer:** B) Physics

Physics helps us understand motion, which is needed to build machines like robots.

**10. You find a weird footprint in the mud. To solve the mystery of which animal made it, you should think like a:**

**Answer:** C) Biologist

Biologists study animals and their tracks to learn about their behavior.