

Observations

Answer Key: Part 2

1. Student answers will vary. Use the following discussion questions to help students explore the concept of making observations:

- What is an observation, and how do we make observations in our everyday lives?
- Can you think of something you observed today, either at home or in the classroom?
- Why is it important to think about our observations before we ask scientific questions?
- How do questions help us learn more about the world around us?

2. Observations are like detective tools in the world of science. They are the things we see, hear, touch, smell, and taste in our surroundings.

3. Observations are crucial because they are the starting point for asking questions and discovering how the world works. When we observe carefully, we gather information that helps us understand the mysteries around us.

4. For example, by observing the sky, we can predict the weather. By watching plants grow, we learn about the needs of living things.