

Communicating Results

Answer Key

1. Pretend you found a new type of rock in your backyard. How would you share your discovery with your classmates?

-Answers may vary, but possible responses could include:

- Writing a report explaining the rock's characteristics and where it was found.
- Creating a presentation with pictures and descriptions to show to classmates.
- Making a poster with drawings and facts about the new rock type.

2. Why is it important for scientists to share their discoveries with others?

-Answer: It is important for scientists to share their discoveries with others because it allows the scientific community to learn from their findings and build upon them. Sharing knowledge advances science.

3. Can you think of other ways, besides sharing with classmates, that scientists might communicate their findings to a larger audience?

-Answer: Other ways scientists might communicate their findings to a larger audience could include:

- Publishing their research in scientific journals.
- Presenting their discoveries at conferences.
- Creating educational videos or documentaries.
- Sharing findings on websites or social media platforms.

4. What kinds of information would you include in your communication to help your classmates understand your discovery?

-Answer: Information to include in the communication might involve describing the rock's appearance, location, and any unique properties. It's also important to explain why this discovery is significant and how it contributes to the field of geology or science.

5. How might your discovery of a new rock type in your backyard contribute to the field of geology or science in general?

-Answer: Answers may vary, but the discovery of a new rock type could contribute to the field of geology by expanding our understanding of Earth's geological processes, history, or resources. It might also lead to further research or investigations into similar rocks and their implications.