

Introduction to Science

Answer the following questions:

1. What is science?
2. Why is science important?

Multiple Choice Questions

Choose the correct answer for each question:

1. What is the process called when plants make their own food from sunlight?
 1. a) Respiration
 2. b) Photosynthesis
 3. c) Decomposition
 4. d) Fermentation
2. Which of the following is an example of a living thing?
 1. a) Rock
 2. b) Chair
 3. c) Tree
 4. d) Car

Short Answer Questions

Answer the following questions in complete sentences:

1. Describe the importance of water in the environment. (5 marks)
2. What is the difference between a producer and a consumer in an ecosystem? (5 marks)
3. Explain the concept of adaptation in animals. (5 marks)

Interactive Quiz

Complete the interactive quiz on the next page.

Interactive Quiz

Answer the following questions:

1. What is the scientific method used for?
2. What is the importance of experimentation in science?
3. What is the difference between a hypothesis and a theory?
4. What is the role of a scientist in the scientific community?
5. What is the importance of science in everyday life?

Science Vocabulary

Match the following words to their definitions:

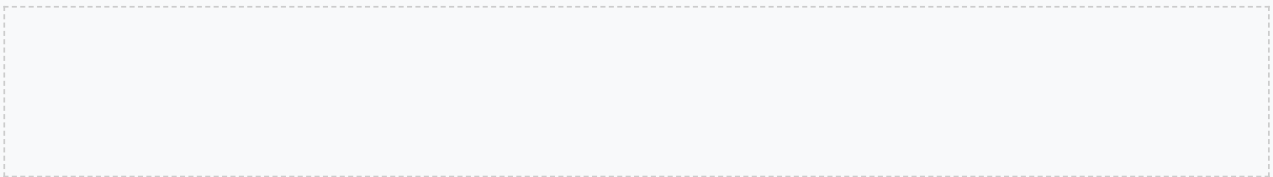
1. Producer
2. Consumer
3. Adaptation
4. Ecosystem



Science Diagrams

Label the following diagrams:

1. Plant cell
2. Animal cell
3. Food chain



Science Experiment

Design an experiment to test the effect of light on plant growth.

Science Reflection

Reflect on what you have learned about science. What did you find interesting? What did you find challenging?

Science Quiz

Take a short quiz to test your knowledge of science concepts.

1. What is the scientific method?
2. What is the importance of experimentation in science?
3. What is the difference between a hypothesis and a theory?

Science Conclusion

Summarize what you have learned about science. What do you think is the most important concept in science? Why?

