

Daily Science Grade 8 Teacher Notes

1

ANSWER

Answers will vary. The eagle will need a source of food, water, and a safe place to live. Students could also list ideas about the chemicals in the eagle's environment, disease, etc.

COMMENTS

See if your students can be specific about the food an eagle eats and the kind of environment for which it is best suited.

LIFE SCIENCE

Organisms and Environments

Plant and animal needs.

Populations and Ecosystems

SCIENCE - PERSONAL AND SOCIAL

Environments

TALKING SCIENCE

CARNIVORE: an organism that eats animals

2

ANSWER

1. G
2. B
3. D
4. F
5. H

COMMENTS

Precise measurements are a must for students working to succeed in science. At this time your class should be getting familiar with the metric or SI system of measurement. It is used universally in the study and communication of scientific ideas.

SCIENCE AS INQUIRY

Abilities and Understandings for Inquiry

Use science tools; Use mathematics, measurement

SCIENCE AND TECHNOLOGY

Understanding Science and Technology

Tools of science

TALKING SCIENCE

STANDARD OF MEASUREMENT: an exact quantity that is agreed upon

3

ANSWER

Students should respond to *Think Like A Scientist* activities in complete sentences. The experiment will need to have all variables the same except for the three golf balls. The key, and most challenging item in the experiment, is to devise a method to strike the golf balls identically each time with an equal amount of force. Factors such as type of club, weather conditions, and uniformity of strike must be considered. Additionally, students must plan for multiple trials.



SCIENCE AS INQUIRY

Abilities and Understandings for Inquiry

Design an investigation

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