

## Lesson #8

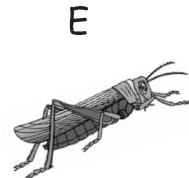
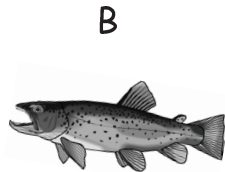
### The Flow of Energy from the Sun

All living things need **energy** to live and to grow. You already know that plants get their energy from the sun. Green plants are called **producers** because they are the only living organisms that can **produce** (make) their own food. Besides sunlight, plants also need air, water, and nutrients to survive and grow.

- Plants are called \_\_\_\_\_ because they can make their own food.

Look at the drawings below.

- Which drawings represent producers? \_\_\_\_\_



Animals **consume** (eat) plants, and that is how they get energy. Animals are called **consumers**. Another word for consume is *use* - animals *use* plants as a source of energy. All animals must consume plants or other animals, and plants get their energy from the sun. Therefore, all living things - plants and animals - depend upon sunlight to survive.

- All animals are (producers / consumers) because they eat plants or other animals.
- All living things depend on sunlight because \_\_\_\_\_.
  - Earth rotates around the sun.
  - Sunlight is more powerful than artificial light.
  - Plants use sunlight to make food, and animals eat plants.
  - The sun is at the center of our solar system.



5. The results of her experiment are inconclusive. What might a scientist do next?

- A) Conduct the experiment again.
- B) Change the information in the data chart.
- C) Make up a different conclusion.
- D) Re-write the hypothesis to match the outcome of the experiment.

6. Underline any terms that name **natural resources**.

water      money      trees      soil      libraries

7. Underline any examples of precipitation.

sleet      hail      clouds      snow      glacier      rain

8. Write the steps of the scientific method in order.

A) \_\_\_\_\_

B) \_\_\_\_\_

C) \_\_\_\_\_

D) \_\_\_\_\_

E) \_\_\_\_\_

F) \_\_\_\_\_

9. What is the purpose of recycling?

- A) to reduce pollution
- B) to save energy
- C) to conserve resources
- D) all of these



10. List three materials that can be recycled.

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