



Summative Assessment for Fun Photosynthesis



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Fun Photosynthesis Summative Assessment

Type of Assessment:

Constructed Response, Selected Response

Duration:

20 minutes

Standard (s) Assessed:

SC.G.1.2.4, SC.G.1.2.5, SC.B.1.2.1.4.1, SC.B.1.2.1.4.2

Description of Assessment Activity:

Teacher Directions:

Tell students that they have now completed the unit on Photosynthesis and you need to assess what they have learned. Distribute the summative to students and go over the instructions. Once students have completed the assessment, assess the summative.

Student Directions:

Listen while I read the directions to you. Ask any questions about the directions. Complete the assessment to the best of your ability, and turn it in to me when completed.

Scoring Method and Criteria: Suggested points per question- 20. Partial credit may be awarded for students who capture mostly correct information.

PHOTOSYNTHESIS AND THE FLOW OF ENERGY

Fill in the blanks to complete the process of photosynthesis.

Living things use the _____ energy to live and grow. In _____, green plants use sunlight to make their own _____ called _____. The _____ are the part of the plant that is responsible for photosynthesis. Plants use the food they make during photosynthesis to _____ and grow. Food is _____ energy, which can then be used by other living organisms to maintain life and growth. Animals eat plants or other _____ to get the energy they need for _____. As plants and animals die, _____ use them as energy sources.

What is a decomposer? Give two examples.

Why do animals eat plants or other animals?

Describe the importance of photosynthesis to your survival and growth.

Create a picture showing the flow of energy. Use the keywords from below. Then write a short paragraph explaining what is happening in the picture.

Sun

Green Leaf Plant

Robin

Earthworm

PHOTOSYNTHESIS AND THE FLOW OF ENERGY

Fill in the blanks to complete the process of photosynthesis.

Living things use the sun's energy to live and grow. In photosynthesis, green plants use sunlight to make their own food called plant sugars. The leaves are the part of the plant that is responsible for photosynthesis. Plants use the food they make during photosynthesis to live and grow. Food is stored energy, which can then be used by other living organisms to maintain life and growth. Animals eat plants or other living organisms to get the energy they need for survival. As plants and animals die, decomposers use them as energy sources.

Explain what is a decomposer. Then, give two examples.

A decomposer is an organism that feeds on and breaks down dead plants or animal matter. Examples include bacteria, fungus or worms.

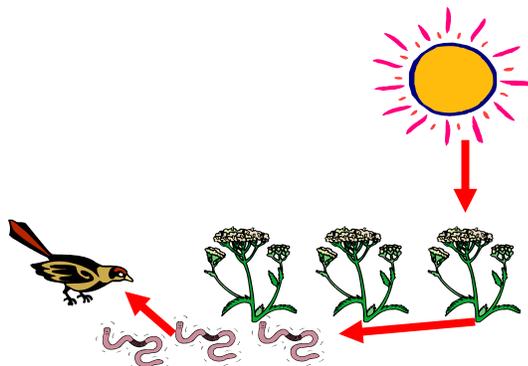
Why do animals eat plants or other animals?

Animals eat plants or other animals in order to get the energy they need for survival.

Describe the importance of photosynthesis to your survival and growth.

Photosynthesis is important for survival and growth because it provides the energy plants or animals need to grow. I in turn need the energy from plants and animals.

Create a picture showing the flow of energy. Use the keywords from below.



Assess associated picture for correctness.