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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.