



Coherence and Alignment Among Science Curriculum, Instruction, and Assessment (CASCIA) Project

Grade 5 Unit 2: Matter and Energy in Organisms and Ecosystems

Task 3 Prompt 2 Part B Scored and Annotated Anchor Sets

April 2025

Grade 5 Unit 2: Matter and Energy in Organisms and Ecosystems, Task 3 Prompt 2 Part B Scored and Annotated Anchor Sets was developed with funding from the U.S. Department of Education under the Competitive Grants for State Assessments Program CFDA 84.368A. The contents of this paper do not represent the policy of the U.S. Department of Education, and no assumption of endorsement by the Federal government should be made.

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CASCIA Grade 5 EOU Assessment 2 Task 3: Cycling Through a System

Prompt 2 Part B Score Point 2

Prompt 2 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part B.	No aspect of the response is correct	Response includes the following aspects: Terms correctly applied in at least two (2) of the eight (8) blanks	Response includes the following aspects: Terms correctly applied in the eight (8) blanks	NA	NA

Score Point 2 (1/1 aspect met)

- Part B
 - Includes the correct terms in the eight (8) blanks.

Part B.

Describe what you know about the movement of energy in an ecosystem. Use the information from **Figure 2** and the terms **decomposers**, **animals**, **the sun**, and **plants** to complete the sentences below.

The movement of energy in the ecosystem begins with energy from the sun.

This energy is used by plants to make matter.

Next, the matter is eaten by animals. Some animals only eat plants. Some animals eat other animals.

All waste and dead materials are broken down by decomposers into nutrients in the soil. Then, plants absorb those nutrients, and the cycle starts again.

CASCIA Grade 5 EOU Assessment 2 Task 3: Cycling Through a System

Prompt 2 Part B Score Point 1

Prompt 2 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part B.	No aspect of the response is correct	Response includes the following aspects: Terms correctly applied in at least two (2) of the eight (8) blanks	Response includes the following aspects: Terms correctly applied in the eight (8) blanks	NA	NA

Score Point 1 (1/1 aspect met)

- Part B
 - Includes the correct terms in at least two (2) of the eight (8) blanks.

Part B.

Describe what you know about the movement of energy in an ecosystem. Use the information from Figure 2 and the terms **decomposers**, **animals**, **the sun**, and **plants** to complete the sentences below.

The movement of energy in the ecosystem begins with energy from plants.

This energy is used by decomposers to make matter.

Next, the matter is eaten by plants. Some animals only eat

decomposer. Some animals eat other plants.

All waste and dead materials are broken down by decomposers into nutrients in the

soil. Then, sun absorb those nutrients, and the cycle starts again.

CASCIA Grade 5 EOU Assessment 2 Task 3: Cycling Through a System

Prompt 2 Part B Score Point 0

Prompt 2 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part B.	No aspect of the response is correct	Response includes the following aspects: Terms correctly applied in at least two (2) of the eight (8) blanks	Response includes the following aspects: Terms correctly applied in the eight (8) blanks	NA	NA

Score Point 0 (0/1 aspect met)

- Part B
 - Does **NOT** include the correct terms in at least two (2) of the eight (8) blanks.

Part B.
Describe what you know about the movement of energy in an ecosystem. Use the information from Figure 2 and the terms **decomposers**, **animals**, **the sun**, and **plants** to complete the sentences below.

The movement of energy in the ecosystem begins with energy from sun.

This energy is used by _____ to make matter.

Next, the matter is eaten by _____. Some _____ only eat _____.

Some _____ eat other _____.

All waste and dead materials are broken down by _____ into nutrients in the soil. Then, _____ absorb those nutrients, and the cycle starts again.