



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

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

Task 2 Prompt 1 Part B Scored and Annotated Anchor Sets

April 2025

Grade 5 Unit 2: Matter and Energy in Organisms and Ecosystems, Task 2 Prompt 1 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 2: Our Friend the Worm

Prompt 1 Part B Score Point 3

Prompt 1 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: - References plants, humans, and worms - Describes the sequence of plant matter movement shown in Figure 1 - Describes how the sequence recycles materials in the system	NA

Score Point 3 (3/3 aspects met)

- Part B
 - References plants, humans, and worms.
 - Describes the sequence of plant matter movement shown in Figure 1.
 - Describes how the sequence recycles materials in the system (i.e., "... then it starts over.").

Part B.

Describe how plant matter moves between different organisms and is recycled in the system. In your response, include plants, humans, worms, and information from your completed **Figure 1**.

Plants produce fresh food and humans eat the plants produce. Humans put their food scraps into a composter. Then worms decompose the food waste therefore compost is produced. Compost helps plants grow then it starts over.

CASCIA Grade 5 EOU Assessment 2 Task 2: Our Friend the Worm

Prompt 1 Part B Score Point 2

Prompt 1 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: - References plants, humans, and worms - Describes the sequence of plant matter movement shown in Figure 1 - Describes how the sequence recycles materials in the system	NA

Score Point 2 (2/3 aspects met)

- Part B
 - References plants, humans (i.e., we), and worms.
 - Describes the sequence of plant matter movement shown in Figure 1.
 - Does **NOT** describe how the sequence recycles materials in the system.

Part B.
Describe how plant matter moves between different organisms and is recycled in the system. In your response, include plants, humans, worms, and information from your completed Figure 1.

A is telling we eat
then D is saying we put
it into the compost
then tells we have the worm
decompose it the E tell compost
is produced. B and T tell the
plants start to grow with
the good soil

CASCIA Grade 5 EOU Assessment 2 Task 2: Our Friend the Worm

Prompt 1 Part B Score Point 1

Prompt 1 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: - References plants, humans, and worms - Describes the sequence of plant matter movement shown in Figure 1 - Describes how the sequence recycles materials in the system	NA

Score Point 1 (1/3 aspects met)

- Part B
 - References plants, humans, and worms.
 - Does **NOT** describe the complete sequence of plant matter shown in Figure 1.
 - Does **NOT** describe how the sequence recycles materials in the system.

Part B.

Describe how plant matter moves between different organisms and is recycled in the system. In your response, include plants, humans, worms, and information from your completed Figure 1.

the plants grow by the sun,
humans grow from eating vegetables,
worms grow from eating
the dirt.

CASCIA Grade 5 EOU Assessment 2 Task 2: Our Friend the Worm

Prompt 1 Part B Score Point 0

Prompt 1 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: - References plants, humans, and worms - Describes the complete sequence of plant matter movement shown in Figure 1 - Describes how the sequence recycles materials in the system	NA

Score Point 0 (0/3 aspects met)

- Part B
 - Does **NOT** reference plants, humans, and worms (i.e., The student response includes pronouns and not the terms.).
 - Does **NOT** describe the complete sequence of plant matter shown in Figure 1.

NOTE: The student response states, "They all connect . . ." but does specify the different organisms in the sequence of plant matter movement.

- Does **NOT** describe how the sequence recycles materials in the system.

Part B.

Describe how plant matter moves between different organisms and is recycled in the system. In your response, include plants, humans, worms, and information from your completed **Figure 1**.

They all connect because
it we eat food and then
they compose it then it
becomes decomposer.