



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

Grade 5 Unit 3: Earth Systems and the Solution of Water Problems

Task 2 Prompt 1 Parts B & C Scored and Annotated Anchor Set

May 2025

Grade 5 Unit 3: Earth Systems and the Solution of Water Problems, Task 2 Prompt 1 Parts B & C Scored and Annotated Anchor Set 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 3 Task 2: Searching for Freshwater

Prompt 1 Parts B & C Score Point 2

Prompt 1 Parts B & C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B. & Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: Part B - Identifies an interaction of two components of the biosphere Part C - Identifies an interaction of the biosphere and atmosphere	NA	NA

Score Point 2 (2/2 aspects met)

- Part B
 - Identifies an interaction of two components of the biosphere (i.e., “the sheep is eating the grass”).
- Part C
 - Identifies an interaction of the biosphere and atmosphere (i.e., “the sheep breathing air”).

Part B.

Describe one way that two components of the biosphere interact in **Picture 1**.

The sheep and grass are biosphere, and they are interacting because the sheep is eating the grass.

Part C.

Describe one way the biosphere and the atmosphere interact in **Picture 1**.

The sheep is biosphere and air is atmosphere, they are interacting by the sheep breathing air.

CASCIA Grade 5 EOU Assessment 3 Task 2: Searching for Freshwater

Prompt 1 Parts B & C Score Point 1

Prompt 1 Parts B & C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B. & Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: Part B - Identifies an interaction of two components of the biosphere Part C - Identifies an interaction of the biosphere and atmosphere	NA	NA

Score Point 1 (1/2 aspects met)

- Part B
 - Identifies an interaction of two components of the biosphere (i.e., “the sheep are eating the grass”).
- Part C
 - Does **NOT** identify an interaction of the biosphere and atmosphere.

Part B.

Describe one way that two components of the biosphere interact in **Picture 1**.

The sheep are eating the grass.

Part C.

Describe one way the biosphere and the atmosphere interact in **Picture 1**.

Make the grass grow.

CASCIA Grade 5 EOU Assessment 3 Task 2: Searching for Freshwater

Prompt 1 Parts B & C Score Point 0

Prompt 1 Parts B & C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B. & Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: Part B - Identifies an interaction of two components of the biosphere Part C - Identifies an interaction of the biosphere and atmosphere	NA	NA

Score Point 0 (0/2 aspects met)

- Part B
 - Does **NOT** correctly identify an interaction of two components of the biosphere.
- Part C
 - Does **NOT** correctly identify an interaction between the biosphere and atmosphere.

Part B.

Describe one way that two components of the biosphere interact in Picture 1.

The trees interact with the ground

Part C.

Describe one way the biosphere and the atmosphere interact in Picture 1.

The wind can blow the dirt