



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 Part A Scored and Annotated Anchor Set

May 2025

Grade 5 Unit 3: Earth Systems and the Solution of Water Problems, Task 2 Prompt 1 Part A 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 Part A Score Point 3

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part A.	No aspect of the response is correct	Response includes one (1) or two (2) aspects matched with a corresponding sphere	Response includes three (3) or four (4) aspects matched with a corresponding sphere	Response includes five (5) or six (6) aspects matched with a corresponding sphere	NA

Score Point 3 (6/6 aspects met)

- Part A
 - Includes **six (6)** aspects correctly matched with a corresponding sphere.

Part A.

Complete **Table 1** by identifying the Earth's sphere that is represented by each component of the mountain meadow from **Picture 1**. Choose from the following list of Earth's spheres to complete the table.

Geosphere

Biosphere

Hydrosphere

Atmosphere

Table 1. Components of Earth's Spheres

Component	Earth's Sphere
Sheep	<u>Biosphere</u>
Mountain	<u>Geosphere</u>
Cloud	<u>Hydrosphere</u>
Grass	<u>Biosphere</u>
Air	<u>Atmosphere</u>
Snow	<u>Hydrosphere</u>

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

Prompt 1 Part A Score Point 2

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part A.	No aspect of the response is correct	Response includes one (1) or two (2) aspects matched with a corresponding sphere	Response includes three (3) or four (4) aspects matched with a corresponding sphere	Response includes five (5) or six (6) aspects matched with a corresponding sphere	NA

Score Point 2 (3/6 aspects met)

- Part A
 - Includes **three (3)** aspects correctly matched with a corresponding sphere.

Part A.
Complete **Table 1** by identifying the Earth's sphere that is represented by each component of the mountain meadow from **Picture 1**. Choose from the following list of Earth's spheres to complete the table.

Geosphere Biosphere Hydrosphere Atmosphere

Handwritten notes above the list:
 Geosphere: dirt
 Biosphere: anything living, plants, animals
 Hydrosphere: flowing water
 Atmosphere: clouds, air, wind

Table 1. Components of Earth's Spheres

Component	Earth's Sphere
Sheep	<u>Biosphere</u>
Mountain	<u>Geosphere</u>
Cloud	<u>Atmosphere</u>
Grass	<u>Biosphere</u>
Air	<u>Hydrosphere</u>
Snow	<u>Hydrosphere</u>

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

Prompt 1 Part A Score Point 1

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part A.	No aspect of the response is correct	Response includes one (1) or two (2) aspects matched with a corresponding sphere	Response includes three (3) or four (4) aspects matched with a corresponding sphere	Response includes five (5) or six (6) aspects matched with a corresponding sphere	NA

Score Point 1 (1/6 aspects met)

- Part A
 - Includes **one (1)** aspect correctly matched with a corresponding sphere.

Part A.
Complete **Table 1** by identifying the Earth's sphere that is represented by each component of the mountain meadow from **Picture 1**. Choose from the following list of Earth's spheres to complete the table.

Geosphere Biosphere Hydrosphere Atmosphere

Table 1. Components of Earth's Spheres

Component	Earth's Sphere
Sheep	Hydrosphere
Mountain	Geosphere
Cloud	Atmosphere
Grass	Hydrosphere
Air	Biosphere
Snow	Biosphere

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

Prompt 1 Part A Score Point 0

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part A.	No aspect of the response is correct	Response includes one (1) or two (2) aspects matched with a corresponding sphere	Response includes three (3) or four (4) aspects matched with a corresponding sphere	Response includes five (5) or six (6) aspects matched with a corresponding sphere	NA

Score Point 0 (0/6 aspects met)

- Part A
 - Does **NOT** include any aspects correctly matched with a corresponding sphere.

Part A.

Complete **Table 1** by identifying the Earth's sphere that is represented by each component of the mountain meadow from **Picture 1**. Choose from the following list of Earth's spheres to complete the table.

Geosphere

Biosphere

Hydrosphere

Atmosphere

Table 1. Components of Earth's Spheres

Component	Earth's Sphere
Sheep	Atmo
Mountain	hydro
Cloud	Bio
Grass	Geo
Air	hydro
Snow	Bio