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 4 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 4 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.

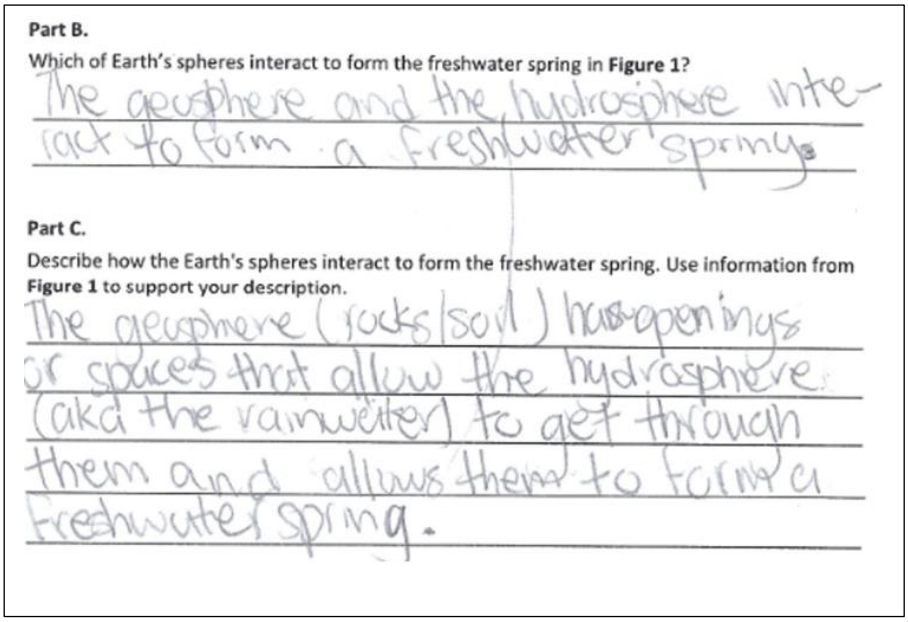
CASCIA Grade 5 EOU Assessment 3 Task 2: Searching for Freshwater
Prompt 4 Parts B & C Score Point 3

Prompt 4 Parts B & C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 4 Part B. & C.	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: **Part B** • Identifies the hydrosphere and the geosphere as the two spheres that interact **Part C** • Indicates that water comes from the hydrosphere (i.e., rainfall) and moves into the geosphere (e.g., soaks into the soil) • Describes how that water forms a spring	NA

Score Point 3 (3/3 aspects met)

- Part B
  - Includes the hydrosphere and the geosphere as the two spheres that interact.
- Part C
  - Includes that water comes from the hydrosphere and moves into the geosphere.
  - Describes how that water forms a spring.



Part B.

Which of Earth's spheres interact to form the freshwater spring in **Figure 1**?

The geosphere and the hydrosphere interact to form a freshwater spring.

Part C.

Describe how the Earth's spheres interact to form the freshwater spring. Use information from **Figure 1** to support your description.

The geosphere (rocks/soil) has openings or spaces that allow the hydrosphere (aka the rainwater) to get through them and allows them to form a freshwater spring.

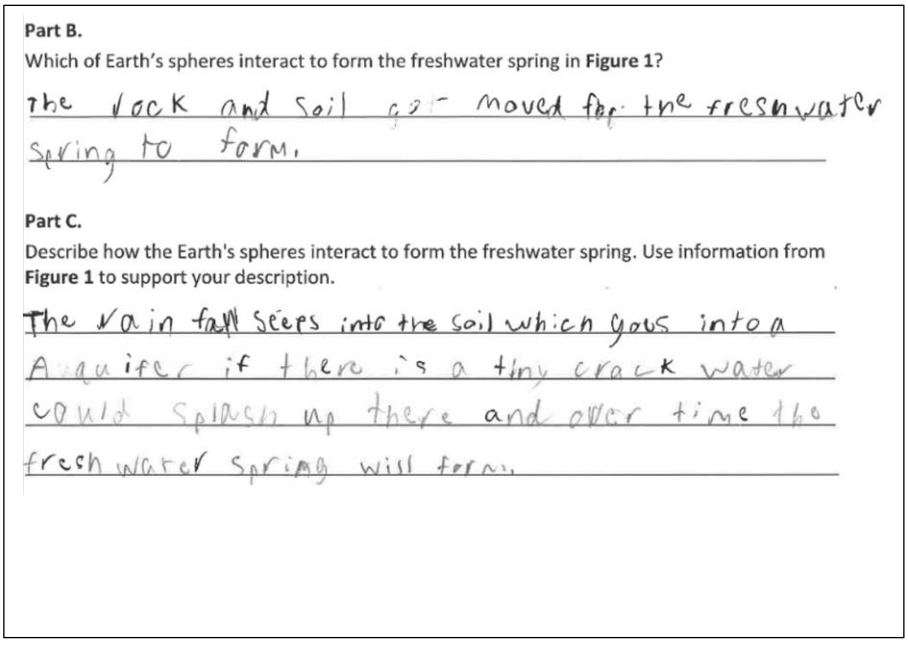
CASCIA Grade 5 EOU Assessment 3 Task 2: Searching for Freshwater
Prompt 4 Parts B & C Score Point 2

Prompt 4 Parts B & C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 4 Part B. & C.	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: **Part B** • Identifies the hydrosphere and the geosphere as the two spheres that interact **Part C** • Indicates that water comes from the hydrosphere (i.e., rainfall) and moves into the geosphere (e.g., soaks into the soil) • Describes how that water forms a spring	NA

Score Point 2 (2/3 aspects met)

- Part B
  - Does **NOT** include the hydrosphere and the geosphere as the two spheres that interact.
- Part C
  - Includes that water comes from the hydrosphere and moves into the geosphere (i.e., ". . . rain seeps into the soil. . .").
  - Describes how that water forms a spring.



Part B.

Which of Earth's spheres interact to form the freshwater spring in **Figure 1**?

The rock and soil get moved for the freshwater spring to form.

Part C.

Describe how the Earth's spheres interact to form the freshwater spring. Use information from **Figure 1** to support your description.

The rain fall seeps into the soil which goes into a Aquifer if there is a tiny crack water could splash up there and over time the fresh water spring will form.

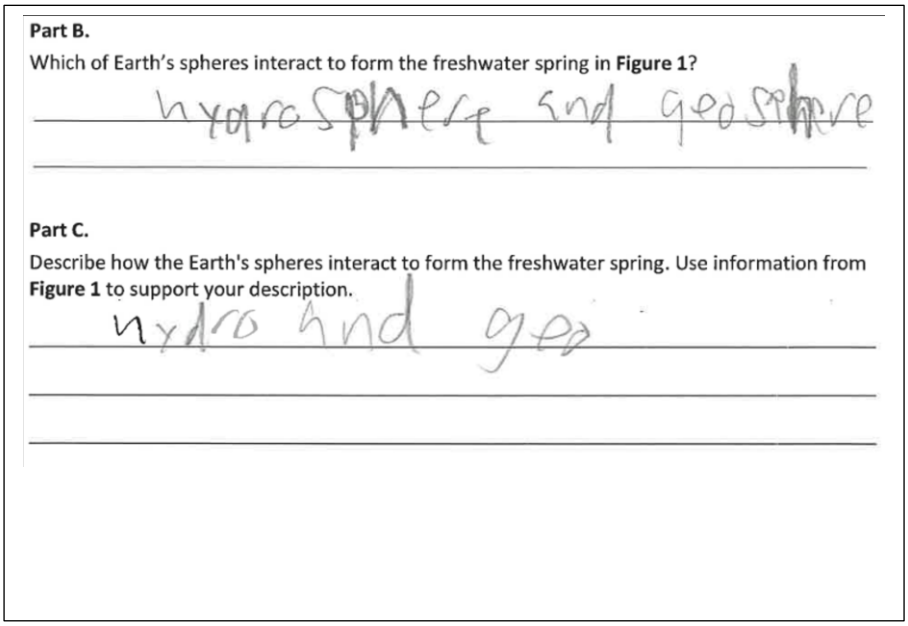
CASCIA Grade 5 EOU Assessment 3 Task 2: Searching for Freshwater
Prompt 4 Parts B & C Score Point 1

Prompt 4 Parts B & C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 4 Part B. & C.	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: **Part B** • Identifies the hydrosphere and the geosphere as the two spheres that interact **Part C** • Indicates that water comes from the hydrosphere (i.e., rainfall) and moves into the geosphere (e.g., soaks into the soil) • Describes how that water forms a spring	NA

Score Point 1 (1/3 aspects met)

- Part B
  - Includes the hydrosphere and the geosphere as the two spheres that interact.
- Part C
  - Does **NOT** include that water comes from the hydrosphere and moves into the geosphere.
  - Does **NOT** describe how that water forms a spring.



Part B.

Which of Earth's spheres interact to form the freshwater spring in **Figure 1**?

hydrosphere and geosphere

Part C.

Describe how the Earth's spheres interact to form the freshwater spring. Use information from **Figure 1** to support your description.

hydro and geo

CASCIA Grade 5 EOU Assessment 3 Task 2: Searching for Freshwater
Prompt 4 Parts B & C Score Point 0

Prompt 4 Parts B & C Rubric

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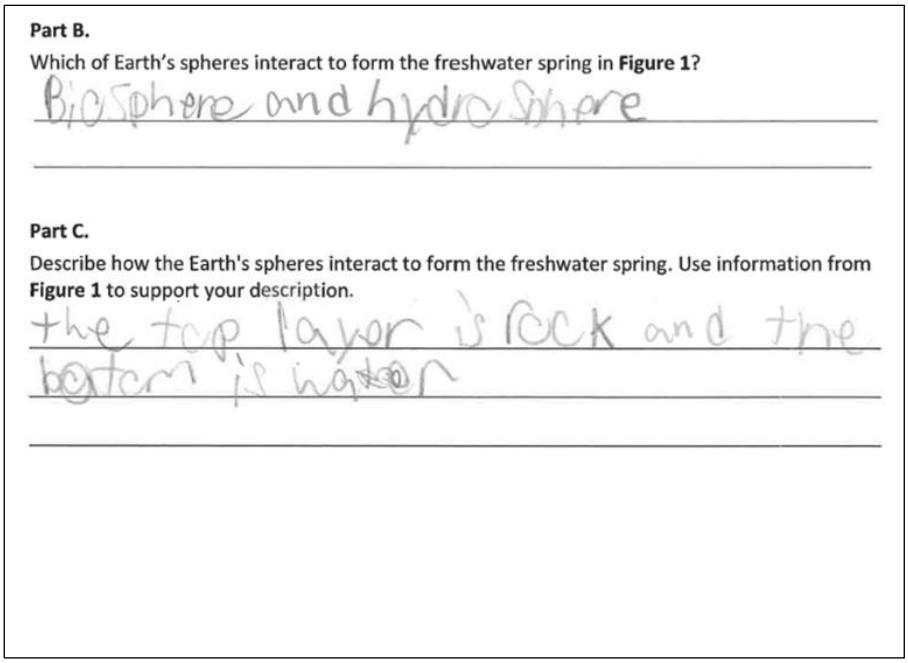
Prompt 4 Part B. & C.	No aspect of the response is correct	Response includes **one (1)** of the **three (3)** aspects	Response includes **two (2)** of the **three (3)** aspects	Response includes the following aspects: **Part B** • Identifies the hydrosphere and the geosphere as the two spheres that interact **Part C** • Indicates that water comes from the hydrosphere (i.e., rainfall) and moves into the geosphere (e.g., soaks into the soil) • Describes how that water forms a spring	NA

Score Point 0 (0/3 aspects met)

- Part B
  - Does **NOT** include the hydrosphere and the geosphere as the two spheres that interact.
- Part C
  - Does **NOT** include that water comes from the hydrosphere and moves into the geosphere.
  - Does **NOT** describe how that water forms a spring.



Part B.

Which of Earth's spheres interact to form the freshwater spring in **Figure 1**?

BioSphere and hydroSphere

Part C.

Describe how the Earth's spheres interact to form the freshwater spring. Use information from **Figure 1** to support your description.

the top layer is rock and the bottom is water