

# 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.

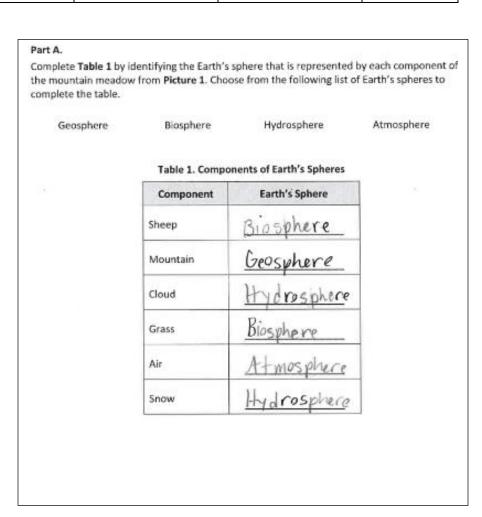
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**Prompt 1 Part A Rubric** 

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.

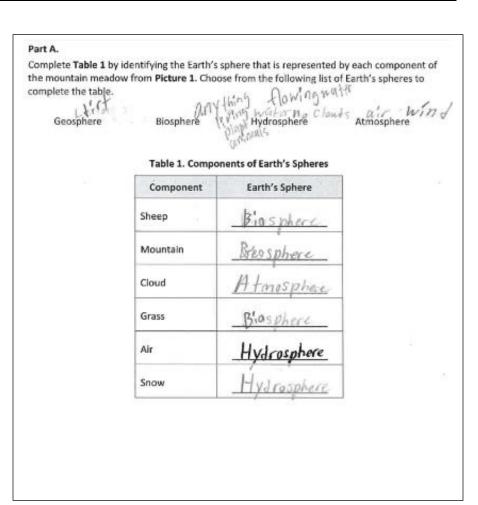


**Prompt 1 Part A Rubric** 

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.

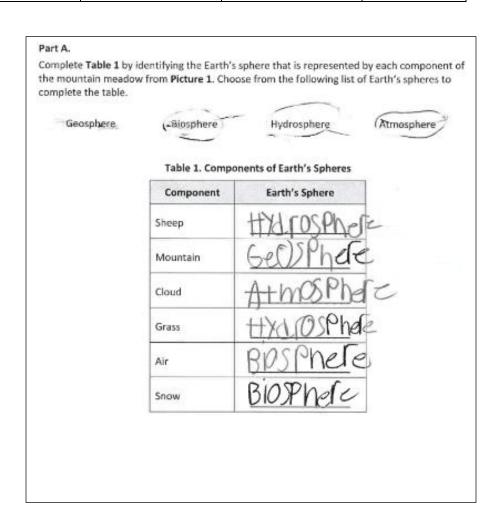


**Prompt 1 Part A Rubric** 

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.



**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. Hydrosphere Atmosphere Geosphere Biosphere **Table 1. Components of Earth's Spheres** Component **Earth's Sphere** Sheep Mountain Cloud Grass Air Snow