



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

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

Task 3 Prompt 3 Parts A & B Scored and Annotated Anchor Set

May 2025

Grade 5 Unit 3: Earth Systems and the Solution of Water Problems, Task 3 Prompt 3 Parts A & B 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 3: Protecting Earth's Soil

Prompt 3 Parts A & B Score Point 2

Prompt 3 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part A. & Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: • Selects "West" • Explanation that describes how the windbreak will reduce the negative impact of the wind and help keep the soil in place	NA	NA

Score Point 2 (2/2 aspects met)

- Part A
 - Selects "West."
- Part B
 - Explains how the windbreak will reduce the negative impact of the wind (i.e., "... fertile soil will not blow away ...").

Part A.

On which side of the field should the farmer plant a windbreak? Circle your answer.

North

South

East

West

Part B.

Explain why the farmer should be able to grow more food if a windbreak is planted and grows on the side of the field you circled in Part A.

The farmer should be able to grow more because the wind from the west is blocked. The fertile soil will not blow away and will be used.

CASCIA Grade 5 EOU Assessment 3 Task 3: Protecting Earth's Soil

Prompt 3 Parts A & B Score Point 1

Prompt 3 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part A. & Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Selects "West" - Explanation that describes how the windbreak will reduce the negative impact of the wind and help keep the soil in place	NA	NA

Score Point 1 (1/2 aspects met)

- Part A
 - Selects "West."
- Part B
 - Does **NOT** explain how the windbreak on the west side will reduce the negative impact of wind.

Part A.
On which side of the field should the farmer plant a windbreak? Circle your answer.

North South East West

Part B.
Explain why the farmer should be able to grow more food if a windbreak is planted and grows on the side of the field you circled in **Part A**.

If they have it on the south
the dirt would go back to the
road.

CASCIA Grade 5 EOU Assessment 3 Task 3: Protecting Earth's Soil

Prompt 3 Parts A & B Score Point 0

Prompt 3 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part A. & Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: • Selects "West" • Explanation that describes how the windbreak will reduce the negative impact of the wind and help keep the soil in place	NA	NA

Score Point 0 (0/2 aspects met)

- Part A
 - Does **NOT** select "West."
- Part B
 - Does **NOT** explain how the windbreak will reduce the negative impact and keep the soil in place.

Part A.
On which side of the field should the farmer plant a windbreak? Circle your answer.

☒ North
 ☐ South
 ☐ East
 ☐ West

Part B.
Explain why the farmer should be able to grow more food if a windbreak is planted and grows on the side of the field you circled in Part A.

The farmer should be able to plant more food by placing a windbreak in the north because, in the north there is more wind and much colder in the north.