



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

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

Task 1 Prompt 3 Part B Scored and Annotated Anchor Set

May 2025

Grade 5 Unit 3: Earth Systems and the Solution of Water Problems, Task 1 Prompt 3 Part 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 1: Every Drop Counts

Prompt 3 Part B Score Point 2

Prompt 3 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: • A clear connection between the drawing and the explanation • Description of a viable solution	NA	NA

Score Point 2 (2/2 aspects met)

- Part B
 - Includes a clear connection between the solution drawing and explanation.
 - Includes a description of a viable solution (i.e., “. . . water will go into the rain barrel. . . then into a hose. . . to the garden”).

Part B.

Explain your design solution to conserve water.

If the 68 year old man does not want to water his garden. Then he could get a rain barrel for \$40 and attach a hose for \$15. When it rains, the water will go into the rain barrel. Then it will go into a hose and go to the garden.

CASCIA Grade 5 EOU Assessment 3 Task 1: Every Drop Counts

Prompt 3 Part B Score Point 1

Prompt 3 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: • A clear connection between the drawing and the explanation • Description of a viable solution	NA	NA

Score Point 1 (1/2 aspects met)

- Part B
 - Does **NOT** include a clear connection between the drawing and explanation.
 - Includes a description of a viable solution (i.e., "... rain barrel then goes through the hose to the garden").

Part B.

Explain your design solution to conserve water.

So instead of using the water we use rainwater. We put a rain barrel the goes throu the hose to the garden.

CASCIA Grade 5 EOU Assessment 3 Task 1: Every Drop Counts

Prompt 3 Part B Score Point 0

Prompt 3 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: • A clear connection between the drawing and the explanation • Description of a viable solution	NA	NA

Score Point 0 (0/2 aspects met)

- Part B
 - Does **NOT** include a clear connection between the drawing and the explanation.
 - Does **NOT** include a description of a viable solution.

Part B.

Explain your design solution to conserve water.

We can buy alot of thing
but it can't help you
need know how using
and help to garden

you need machine to
clean the water