



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 C Scored and Annotated Anchor Set

May 2025

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

All rights reserved. Any or all portions of this document may be reproduced and distributed without prior permission, provided the source is cited as: Coherence and Alignment Among Science Curriculum, Instruction, and Assessment (CASCIA) Project. (2025). *Grade 5 Unit 3: Earth Systems and the Solution of Water Problems, Task 1 Prompt 3 Part C Scored and Annotated Anchor Set*. Lincoln, NE: Nebraska Department of Education.

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

Prompt 3 Part C Score Point 2

Prompt 3 Part C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Addresses the cost of their solution - States another advantage of their solution and/or disadvantage of another	NA	NA

Score Point 2 (2/2 aspects met)

- Part C
 - Addresses the cost of their solution (i.e., “I spent \$65.00”).
 - States another advantage of the solution (i.e., “washing clothes, dishes, and pets”).

Part C.

Compare how well your solution addresses the water conservation problem compared to other possible solutions. Consider the homeowner's requirements that you:

- have **\$75.00** to spend on a solution to conserve water
- need to keep the plants in the garden alive
- need to provide the owners with a convenient way to reuse the rainwater

I spent \$65.00 on a 50 gallon rain barrel
 & a 25 foot hose. The water in
 the rain barrel will be used to hold
 the water & the hose will be attached &
 that water will be brought to the garden.
 The water can be reused by washing cloth,
 dishes, and pets.

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

Prompt 3 Part C Score Point 1

Prompt 3 Part C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Addresses the cost of their solution - States another advantage of their solution and/or disadvantage of another	NA	NA

Score Point 1 (1/2 aspects met)

- Part C
 - Does **NOT** address the cost of their solution.
 - States another advantage of the solution (i.e., "... the 60 gallon rain barrel does not work because it's \$200").

Part C.

Compare how well your solution addresses the water conservation problem compared to other possible solutions. Consider the homeowner's requirements that you:

- have \$75.00 to spend on a solution to conserve water
- need to keep the plants in the garden alive
- need to provide the owners with a convenient way to reuse the rainwater

My Solution catches and keeps the water for when we need it. However most other ways don't work for example the 60 gallon rain barrel doesn't work because it's \$200.

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

Prompt 3 Part C Score Point 0

Prompt 3 Part C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Addresses the cost of their solution - States another advantage of their solution and/or disadvantage of another	NA	NA

Score Point 0 (0/2 aspects met)

- Part C
 - Does **NOT** address the cost of the solution.
 - Does **NOT** state another advantage of their solution or a disadvantage of another solution.

NOTE: Response is a restatement of the first and second bullets of the prompt.

Part C.

Compare how well your solution addresses the water conservation problem compared to other possible solutions. Consider the homeowner's requirements that you:

- have \$75.00 to spend on a solution to conserve water
- need to keep the plants in the garden alive
- need to provide the owners with a convenient way to reuse the rainwater

I have \$75.00 to spend on S+me
because we need to keep
the plants alive.