

# 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<br>Part B. | No aspect of<br>the response<br>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 h              |
| a rain bartle for \$10 and attack a hose for \$15. |
| when it mains the wester will ago into the         |
| Fain barral. Then it will go into a hosp and       |
| go to the garden.                                  |
|  |

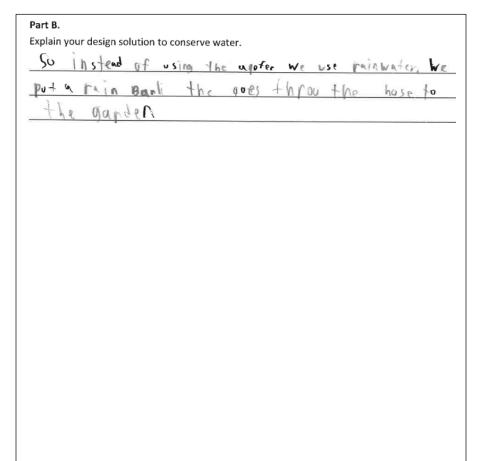
### CASCIA Grade 5 EOU Assessment 3 Task 1: Every Drop Counts Prompt 3 Part B Score Point 1

**Prompt 3 Part B Rubric** 

| Prompt              | Score Point 0                              | Score Point 1                                    | Score Point 2  | Score Point 3 | Score Point 4 |
|---------------------|--|--|--|---------------|---------------|
| Prompt 3<br>Part B. | No aspect of<br>the response<br>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").



## 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<br>the response<br>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.

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