



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 A Scored and Annotated Anchor Set

May 2025

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

Prompt 3 Part A Score Point 3

Prompt 3 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part A.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: • A means to collect rainwater • A means to transport the rainwater to the garden • Labels for all garden supplies included in the drawing	NA

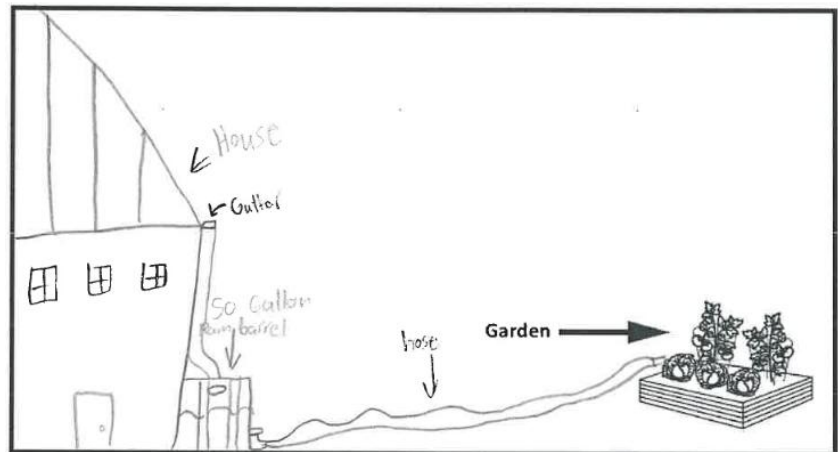
Score Point 3 (3/3 aspects met)

- Part A
 - Includes a means to collect water (i.e., the gutter and rain barrel).
 - Includes a means to transport the water to the garden (i.e., a hose).
 - Includes labels for all garden supplies in the drawing.

Part A.

Draw a solution for conserving water in **Figure 4**. In your drawing, be sure to label each garden supply you include and show how they work together to conserve water. Use information from **Table 3** and the homeowner's requirements to design your solution.

Figure 4. Design Solution to Conserve Water



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

Prompt 3 Part A Score Point 2

Prompt 3 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part A.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: • A means to collect rainwater • A means to transport the rainwater to the garden • Labels for all garden supplies included in the drawing	NA

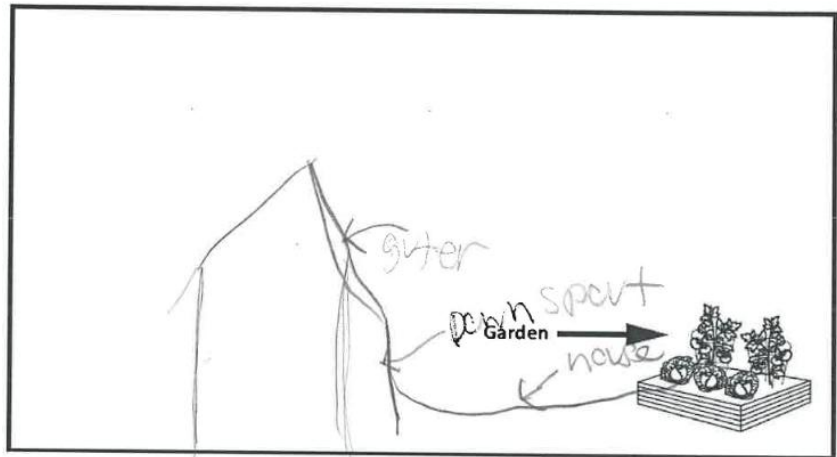
Score Point 2 (2/3 aspects met)

- Part A
 - Does **NOT** include a means to collect the rainwater (i.e., response includes a gutter but no means to store/conservate the water).
 - Includes a means to transport the water to the garden (i.e., a hose).
 - Includes labels for all garden supplies in the drawing.

Part A.

Draw a solution for conserving water in **Figure 4**. In your drawing, be sure to label each garden supply you include and show how they work together to conserve water. Use information from **Table 3** and the homeowner's requirements to design your solution.

Figure 4. Design Solution to Conserve Water



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

Prompt 3 Part A Score Point 1

Prompt 3 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part A.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: • A means to collect rainwater • A means to transport the rainwater to the garden • Labels for all garden supplies included in the drawing	NA

Score Point 1 (1/3 aspects met)

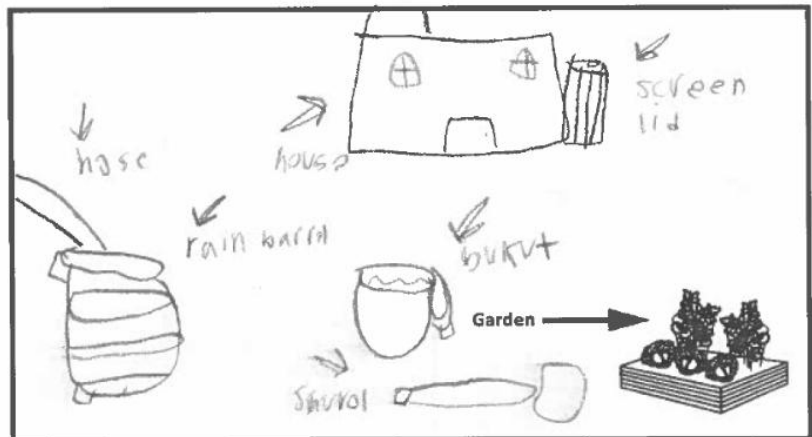
- Part A
 - Does **NOT** include a means to collect the rainwater.
 - Does **NOT** include a means to transport the water to the garden.
 - Includes labels for all garden supplies in the drawing.

NOTE: Response includes many labeled garden supplies with no evidence of how they work together to solve the problem.

Part A.

Draw a solution for conserving water in Figure 4. In your drawing, be sure to label each garden supply you include and show how they work together to conserve water. Use information from Table 3 and the homeowner's requirements to design your solution.

Figure 4. Design Solution to Conserve Water



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

Prompt 3 Part A Score Point 0

Prompt 3 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 3 Part A.	No aspect of the response is correct	Response includes one (1) of the three (3) aspects	Response includes two (2) of the three (3) aspects	Response includes the following aspects: • A means to collect rainwater • A means to transport the rainwater to the garden • Labels for all garden supplies included in the drawing	NA

Score Point 0 (0/3 aspects met)

- Part A
 - Does NOT include a means to collect the rainwater.
 - Does NOT include a means to transport the water to the garden.
 - Does **NOT** include labels for all garden supplies in the drawing.

Part A.

Draw a solution for conserving water in **Figure 4**. In your drawing, be sure to label each garden supply you include and show how they work together to conserve water. Use information from **Table 3** and the homeowner's requirements to design your solution.

Figure 4. Design Solution to Conserve Water

