

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 1 Part E Scored and Annotated Anchor Set

May 2025

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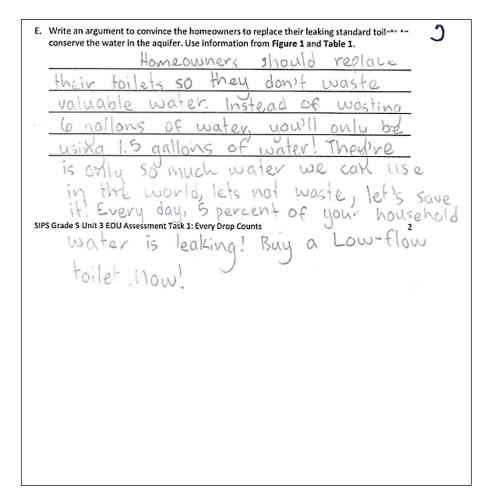
CASCIA Grade 5 EOU Assessment 3 Task 1: Every Drop Counts Prompt 1 Part E Score Point 3

Prompt 1 Part E Rubric

| Prompt | Score Point 0 | Score Point 1 | Score Point 2 | Score Point 3 | Score Point 4 |
|------------------|--|--|--|--|---------------|
| Prompt 1 Part E. | 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: Refers to Figure 1 by comparing water usage to another part of the pie chart OR indicates that leaking represents 5% of all water usage Indicates that the standard toilet uses a lot more water than the low-flow toilet using information from Table 1 Indicates that saving water is important in support of the argument | NA |

Score Point 3 (3/3 aspects met)

- Part E
 - Indicates that leaking represents 5% of all water usage (i.e., "Everyday, 5% of your household water is leaking!").
 - Indicates that standard toilets use more water than low-flow toilets (i.e., ". . . wasting 6 gallons of water, you'll only be using 1.5 gallons of water!").
 - Indicates that saving water is important in support of the argument (i.e., "... don't waste valuable water.").



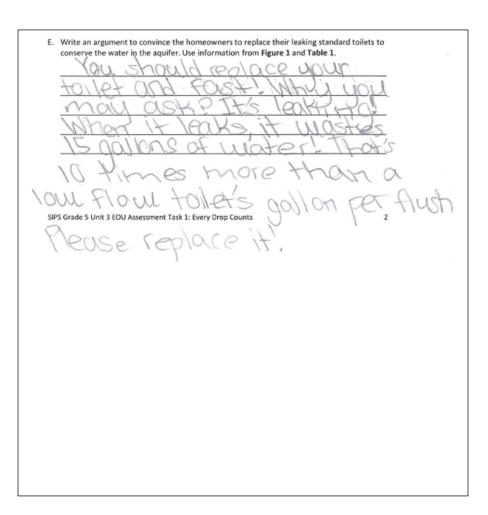
CASCIA Grade 5 EOU Assessment 3 Task 1: Every Drop Counts Prompt 1 Part E Score Point 2

Prompt 1 Part E Rubric

| Prompt | Score Point 0 | Score Point 1 | Score Point 2 | Score Point 3 | Score Point 4 |
|------------------|--|--|--|--|---------------|
| Prompt 1 Part E. | 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: Refers to Figure 1 by comparing water usage to another part of the pie chart OR indicates that leaking represents 5% of all water usage Indicates that the standard toilet uses a lot more water than the low-flow toilet using information from Table 1 Indicates that saving water is important in support of the argument | NA |

Score Point 2 (2/3 aspects met)

- Part E
 - Does **NOT** refer to Figure 1 or that leaking represents
 5% of all water usage.
 - Indicates that standard toilets use more water than low-flow toilets (i.e., ". . . that's 10 times more than a low flow toilet's flush!").
 - Indicates that saving water is important in support of the argument (i.e., "When it leaks it wastes 15 gallons of water!").



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

Prompt 1 Part E Rubric

| Prompt | Score Point 0 | Score Point 1 | Score Point 2 | Score Point 3 | Score Point 4 |
|------------------|--|--|--|--|---------------|
| Prompt 1 Part E. | 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: Refers to Figure 1 by comparing water usage to another part of the pie chart OR indicates that leaking represents 5% of all water usage Indicates that the standard toilet uses a lot more water than the low-flow toilet using information from Table 1 Indicates that saving water is important in support of the argument | NA |

Score Point 1 (1/3 aspects met)

- Part E
 - Does **NOT** refer to Figure 1 or that leaking represents 5% of all water usage.
 - Does **NOT** indicate that standard toilets use more water than low-flow toilets.
 - Indicates that saving water is important in support of the argument (i.e., the student response includes that "you lose water and that's bad for the environment").

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CASCIA Grade 5 EOU Assessment 3 Task 1: Every Drop Counts Prompt 1 Part E Score Point 0

Prompt 1 Part E Rubric

| Prompt | Score Point 0 | Score Point 1 | Score Point 2 | Score Point 3 | Score Point 4 |
|------------------|--|--|--|--|---------------|
| Prompt 1 Part E. | 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: Refers to Figure 1 by comparing water usage to another part of the pie chart OR indicates that leaking represents 5% of all water usage Indicates that the standard toilet uses a lot more water than the low-flow toilet using information from Table 1 Indicates that saving water is important in support of the argument | NA |

Score Point 0 (0/3 aspects met)

- Part E
 - Does **NOT** refer to Figure 1 or that leaking represents
 5% of all water usage.
 - Does **NOT** indicate that standard toilets use more water than low-flow toilets.
 - Does **NOT** indicate that saving water is important in support of the argument.

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