



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 2 Parts A & B Scored and Annotated Anchor Set

May 2025

Grade 5 Unit 3: Earth Systems and the Solution of Water Problems, Task 1 Prompt 2 Parts A & 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 2 Parts A & B Score Point 4

Prompt 2 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part A. & Part B.	No aspect of the response is correct	Response includes the following aspects: Part A - Correctly labels at least one (1) water source or correctly indicates a percentage for at least one (1) water source OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A: - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels four (4) water sources - Correctly indicates percentages for four (4) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"

Score Point 4 (3/3 aspects met)

- Part A
 - Correctly labels **four (4)** water sources.
 - Correctly indicates percentages for **four (4)** water sources.
- Part B
 - Includes 12.3%.

Part A.
Complete Figure 2 below using the information about Earth's water sources and the information in Table 2. Be sure to include the name of each water source and its percent distribution to fill in the blanks to complete the figure.

Figure 2. Distribution of Freshwater on Earth

Of the freshwater sources on Earth, only the water in lakes, rivers, and shallow groundwater is available for human use.

Part B.
What percent of the freshwater on Earth is available for human use? 12.3 %

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

Prompt 2 Parts A & B Score Point 3

Prompt 2 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part A. & Part B.	No aspect of the response is correct	Response includes the following aspects: Part A - Correctly labels at least one (1) water source or correctly indicates a percentage for at least one (1) water source OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A: - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels four (4) water sources - Correctly indicates percentages for four (4) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"

Score Point 3 (3/3 aspects met)

- Part A
 - Correctly labels **at least two (2)** water sources.
 - Correctly indicates percentages for **at least two (2)** water sources.

NOTE: Student response transposes the labels and percents for shallow and deep groundwater in Figure 2.

- Part B
 - Includes 12.3%.

Part A.
Complete Figure 2 below using the information about Earth's water sources and the information in Table 2. Be sure to include the name of each water source and its percent distribution to fill in the blanks to complete the figure.

Figure 2. Distribution of Freshwater on Earth

Of the freshwater sources on Earth, only the water in lakes, rivers, and shallow groundwater is available for human use.

Part B.
What percent of the freshwater on Earth is available for human use? 12.3 %

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

Prompt 2 Parts A & B Score Point 2

Prompt 2 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part A. & Part B.	No aspect of the response is correct	Response includes the following aspects: Part A - Correctly labels at least one (1) water source or correctly indicates a percentage for at least one (1) water source OR Part B 12.3% or states “lakes and rivers and shallow groundwater”	Response includes the following aspects: Part A - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources OR Part B 12.3% or states “lakes and rivers and shallow groundwater”	Response includes the following aspects: Part A: - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources AND Part B 12.3% or states “lakes and rivers and shallow groundwater”	Response includes the following aspects: Part A - Correctly labels four (4) water sources - Correctly indicates percentages for four (4) water sources AND Part B 12.3% or states “lakes and rivers and shallow groundwater”

Score Point 2 (2/3 aspects met)

- Part A
 - Correctly labels **at least two (2)** water sources.
 - Correctly indicates percentages for **at least two (2)** water sources.

NOTE: Student response includes all four correct labels and percents in Figure 2.

- Part B
 - Does **NOT** include 12.3%.

Part A.

Complete **Figure 2** below using the information about Earth’s water sources and the information in **Table 2**. Be sure to include the name of each water source and its percent distribution to fill in the blanks to complete the figure.

Figure 2. Distribution of Freshwater on Earth

Of the freshwater sources on Earth, only the water in lakes, rivers, and shallow groundwater is available for human use.

Part B.

What percent of the freshwater on Earth is available for human use? 3 %

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

Prompt 2 Parts A & B Score Point 1

Prompt 2 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part A. & Part B.	No aspect of the response is correct	Response includes the following aspects: Part A - Correctly labels at least one (1) water source or correctly indicates a percentage for at least one (1) water source OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A: - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels four (4) water sources - Correctly indicates percentages for four (4) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"

Score Point 1 (1/3 aspects met)

- Part A
 - Does **NOT** correctly label water sources.
 - Correctly indicates a percentage for **at least one (1)** water source.

NOTE: Student response only includes three correct percents in Figure 2.

- Part B
 - Does **NOT** include the correct percentage of 12.3% of freshwater on Earth.

Part A.

Complete Figure 2 below using the information about Earth's water sources and the information in Table 2. Be sure to include the name of each water source and its percent distribution to fill in the blanks to complete the figure.

Figure 2. Distribution of Freshwater on Earth

Of the freshwater sources on Earth, only the water in lakes, rivers, and shallow groundwater is available for human use.

Part B.

What percent of the freshwater on Earth is available for human use? 99.03 %

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

Prompt 2 Parts A & B Score Point 0

Prompt 2 Parts A & B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 2 Part A. & Part B.	No aspect of the response is correct	Response includes the following aspects: Part A - Correctly labels at least one (1) water source or correctly indicates a percentage for at least one (1) water source OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources OR Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A: - Correctly labels at least two (2) water sources - Correctly indicates a percentage for at least two (2) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"	Response includes the following aspects: Part A - Correctly labels four (4) water sources - Correctly indicates percentages for four (4) water sources AND Part B 12.3% or states "lakes and rivers and shallow groundwater"

Score Point 0 (0/3 aspects met)

- Part A
 - Does **NOT** correctly label **at least one (1)** water source.
 - Does **NOT** correctly indicate a percentage for **at least one (1)** water source.
- Part B
 - Does **NOT** include the correct percentage of freshwater on Earth.

Part A.
Complete Figure 2 below using the information about Earth's water sources and the information in Table 2. Be sure to include the name of each water source and its percent distribution to fill in the blanks to complete the figure.

Figure 2. Distribution of Freshwater on Earth

Of the freshwater sources on Earth, only the water in lakes, rivers, and shallow groundwater is available for human use.

Part B.
What percent of the freshwater on Earth is available for human use? 11.3 %