



Coherence and Alignment Among Science Curriculum, Instruction, and Assessment (CASCIA) Project

Grade 5 Unit 4: Earth and its Gravitational Force and Motion

Task 1 Prompt 1 Part A Scored and Annotated Anchor Set

May 2025

Grade 5 Unit 4: Earth and its Gravitational Force and Motion, Task 1 Prompt 1 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 4 Task 1: Here Comes the Sun

Prompt 1 Part A Score Point 3

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 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: - The sun is further down in the drawing than for the 1:00 p.m. drawing - The shadow moves to the right (or aligns with the sun) - The shadow length at 3:00 p.m. is longer than at 1:00 p.m. and shorter than at 5:00 p.m.	NA

Score Point 3 (3/3 aspects met)

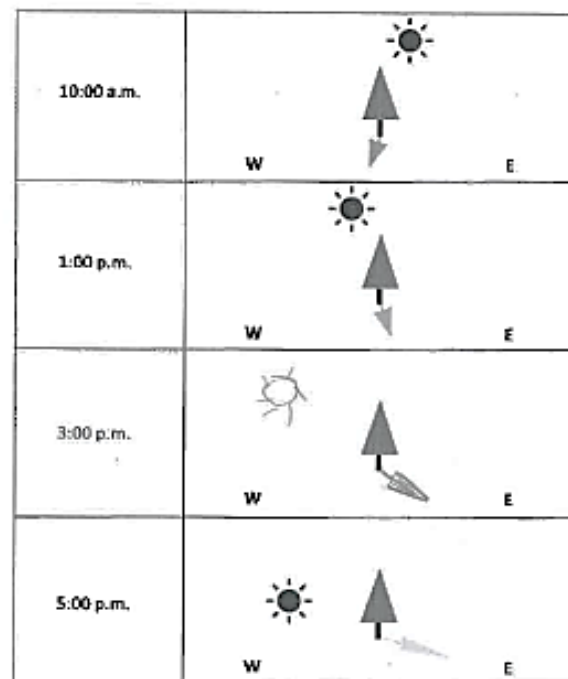
- Part A
 - Includes the sun further down in the drawing than in the 1:00 p.m. drawing.
 - Includes the shadow moves to the right.
 - Includes the shadow length at 3:00 p.m. as being longer than at 1:00 p.m. and shorter than at 5:00 p.m.

Part A.

Suppose you are not able to observe the position of the sun and the shadow at 3:00 p.m.

Draw the position of the sun AND the direction and length of the tree's shadow to show what you would observe at 3:00 p.m. in Figure 1.

Figure 1. Drawing of Observations



CASCIA Grade 5 EOU Assessment 4 Task 1: Here Comes the Sun

Prompt 1 Part A Score Point 2

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 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: - The sun is further down in the drawing than for the 1:00 p.m. drawing - The shadow moves to the right (or aligns with the sun) - The shadow length at 3:00 p.m. is longer than at 1:00 p.m. and shorter than at 5:00 p.m.	NA

Score Point 2 (2/3 aspects met)

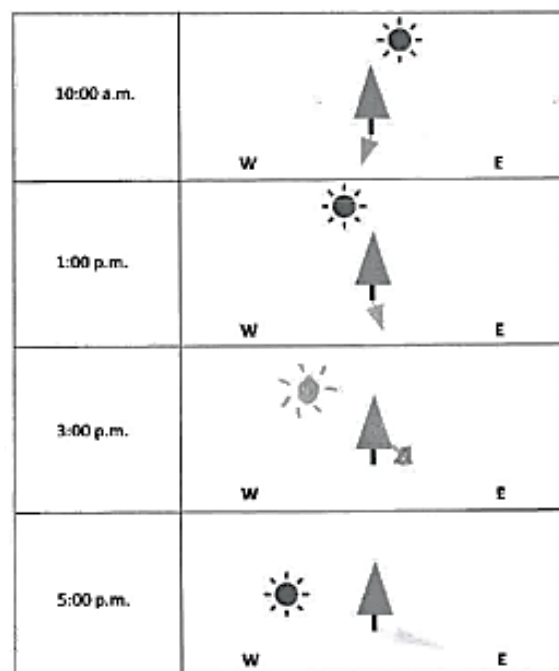
- Part A
 - Includes the sun further down in the drawing than in the 1:00 p.m. drawing.
 - Includes the shadow moves to the right.
 - Does **NOT** include shadow length longer than 1:00 p.m.

Part A.

Suppose you are not able to observe the position of the sun and the shadow at 3:00 p.m.

Draw the position of the sun AND the direction and length of the tree's shadow to show what you would observe at 3:00 p.m. in Figure 1.

Figure 1. Drawing of Observations



CASCIA Grade 5 EOU Assessment 4 Task 1: Here Comes the Sun

Prompt 1 Part A Score Point 1

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 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: - The sun is further down in the drawing than for the 1:00 p.m. drawing - The shadow moves to the right (or aligns with the sun) - The shadow length at 3:00 p.m. is longer than at 1:00 p.m. and shorter than at 5:00 p.m.	NA

Score Point 1 (1/3 aspects met)

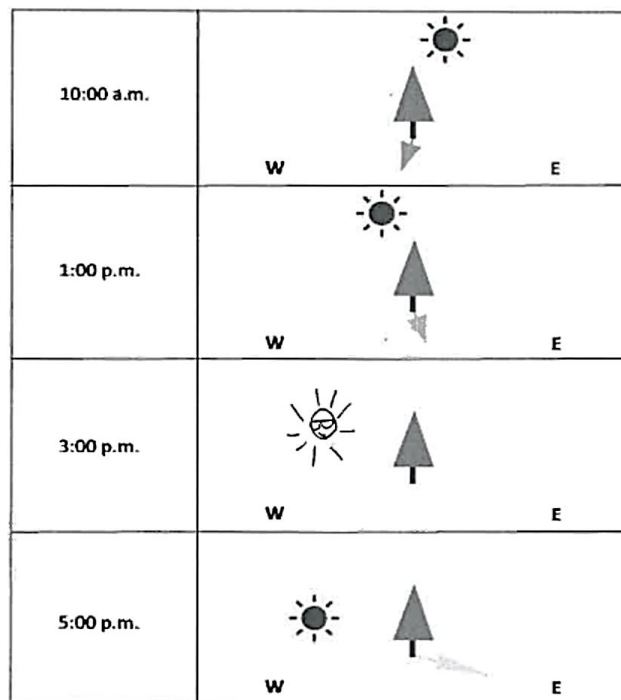
- Part A
 - Includes the sun further down in the drawing than in the 1:00 p.m. drawing.
 - Does **NOT** include shadow movement to the right.
 - Does **NOT** include shadow length longer than 1:00 p.m.

Part A.

Suppose you are not able to observe the position of the sun and the shadow at 3:00 p.m.

Draw the position of the sun **AND** the direction and length of the tree's shadow to show what you would observe at 3:00 p.m. in Figure 1.

Figure 1. Drawing of Observations



CASCIA Grade 5 EOU Assessment 4 Task 1: Here Comes the Sun

Prompt 1 Part A Score Point 0

Prompt 1 Part A Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 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: - The sun is further down in the drawing than for the 1:00 p.m. drawing - The shadow moves to the right (or aligns with the sun) - The shadow length at 3:00 p.m. is longer than at 1:00 p.m. and shorter than at 5:00 p.m.	NA

Score Point 0 (0/3 aspects met)

- Part A
 - Does **NOT** include the position of the sun.
 - Does **NOT** include shadow movement to the right.
 - Does **NOT** include shadow length longer than 1:00 p.m.

Part A.

Suppose you are not able to observe the position of the sun and the shadow at 3:00 p.m.

Draw the position of the sun **AND** the direction and length of the tree's shadow to show what you would observe at 3:00 p.m. in Figure 1.

Figure 1. Drawing of Observations

