



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 B Scored and Annotated Anchor Set

May 2025

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

Prompt 1 Part B Score Point 2

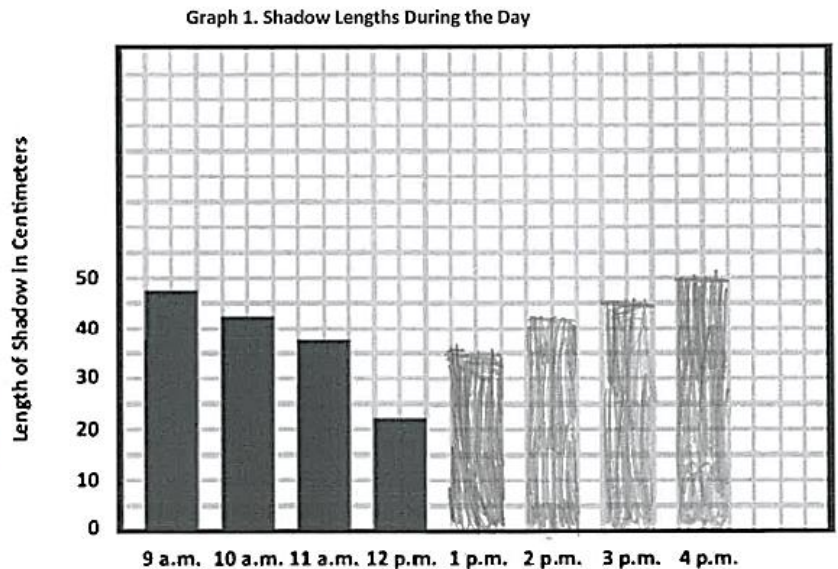
Prompt 1 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Accurate representation for recorded observations at 1:00 p.m., 2:00 p.m., and 3:00 p.m. - Accurate representation for the predicted observation at 4:00 p.m.	NA	NA

Score Point 2 (2/2 aspects met)

- Part B
 - Accurately represents recorded observations at 1:00 p.m., 2:00 p.m., and 3:00 p.m.
 - Accurately represents the predicted observation at 4:00 p.m.

Complete **Graph 1** for 1:00 p.m., 2:00 p.m., and 3:00 p.m. using data from **Table 1**. Include a bar showing the predicted length of the post's shadow at 4:00 p.m.



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

Prompt 1 Part B Score Point 1

Prompt 1 Part B Rubric

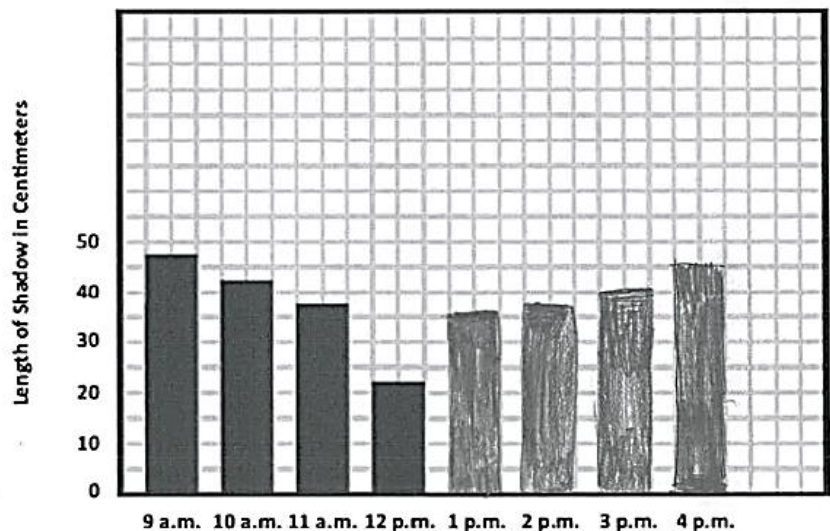
Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Accurate representation for recorded observations at 1:00 p.m., 2:00 p.m., and 3:00 p.m. - Accurate representation for the predicted observation at 4:00 p.m.	NA	NA

Score Point 1 (1/2 aspects met)

- Part B
 - Does **NOT** accurately represent recorded observations at 1:00 p.m., 2:00 p.m., and 3:00 p.m.
 - Accurately represents the predicted observation at 4:00 p.m.

Complete **Graph 1** for 1:00 p.m., 2:00 p.m., and 3:00 p.m. using data from **Table 1**. Include a bar showing the predicted length of the post's shadow at 4:00 p.m.

Graph 1. Shadow Lengths During the Day



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

Prompt 1 Part B Score Point 0

Prompt 1 Part B Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part B.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Accurate representation for recorded observations at 1:00 p.m., 2:00 p.m., and 3:00 p.m. - Accurate representation for the predicted observation at 4:00 p.m.	NA	NA

Score Point 0 (0/2 aspects met)

- Part B
 - Does **NOT** accurately represent recorded observations at 1:00 p.m., 2:00 p.m., and 3:00 p.m.
 - Does **NOT** accurately represent the predicted observation at 4:00 p.m.

Complete **Graph 1** for 1:00 p.m., 2:00 p.m., and 3:00 p.m. using data from **Table 1**. Include a bar showing the predicted length of the post's shadow at 4:00 p.m.

