



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 C Scored and Annotated Anchor Set

May 2025

Grade 5 Unit 4: Earth and its Gravitational Force and Motion, Task 1 Prompt 1 Part C 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 C Score Point 2

Prompt 1 Part C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Reasonable prediction within 46 to 52 cm - Prediction based on an observed pattern in data	NA	NA

Score Point 2 (2/2 aspects met)

- Part C
 - Predicts within 46 to 52 cm (i.e., 50 cm).
 - Prediction based on observed pattern in data.

Part C.

Explain how you predicted the length of the shadow at 4:00 p.m.

I did at 4pm 50 because it slowly went up and it got to fifty. Also it is the biggest number.

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

Prompt 1 Part C Score Point 1

Prompt 1 Part C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	Response includes the following aspects: - Reasonable prediction within 46 to 52 cm - Prediction based on an observed pattern in data	NA	NA

Score Point 1 (1/2 aspects met)

- Part C
 - Predicts within 46 to 52 cm (i.e., 47 cm).
 - Does **NOT** base prediction on an observed pattern in data.

Part C.

Explain how you predicted the length of the shadow at 4:00 p.m.

So I think that the length of it is 47 because 50 is to much and I went with 47 and it that my I pick it

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

Prompt 1 Part C Score Point 0

Prompt 1 Part C Rubric

Prompt	Score Point 0	Score Point 1	Score Point 2	Score Point 3	Score Point 4
Prompt 1 Part C.	No aspect of the response is correct	Response includes one (1) of the two (2) aspects	The response includes the following aspects: • Reasonable prediction within 46 to 52 cm • Prediction based on an observed pattern in data	NA	NA

Score Point 0 (0/2 aspects met)

- Part C
 - Does **NOT** state a reasonable prediction between 46 to 52 cm.
 - Does **NOT** base prediction on an observed pattern in data.

Part C.

Explain how you predicted the length of the shadow at 4:00 p.m.

cause it goes around in a circle so if the sun is facing straight up then the shadow will be straight up.