

Science Grade 11 D

Grade Level Standard(s):

HS-LS2-8

Required Assessment Materials:

- Science 11 D Deer and Wolves Animation
- Science 11 D Attainment Task Questions for Student Use

Response Code:

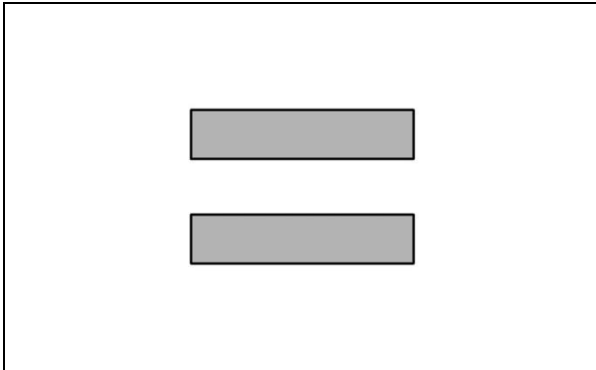
- Indicate the answer provided by the student.

Text Coding:

- “Quotation marks” indicate the script that the teacher should read to the student.
- *Italicized text* provides further direction for the test administrator.
- Words in parentheses () are optional; they may replace or be read in addition to the word(s) immediately preceding.

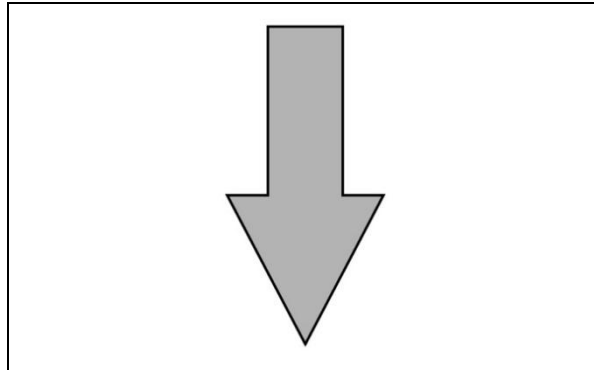
a.

Hunting in a pack, the wolves are equally likely to catch their prey and have the food they need to survive.



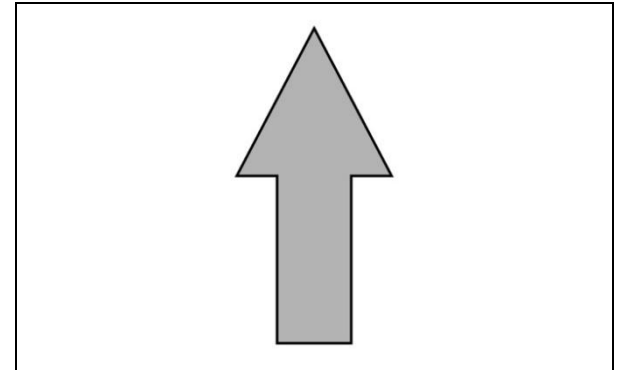
b.

Hunting in a pack, the wolves are less likely to catch their prey and have the food they need to survive.



c.

Hunting in a pack, the wolves are more likely to catch their prey and have the food they need to survive.



Before beginning task administration, please ensure that all conditions specified in the administration protocol (starting on page 9 of the Administration Guide Overview and Attainment Task Administration) have been met. Inform the student that the task is about to start by saying, “We are about to start the task, and I am going to ask you some questions.”

All questions from this task are available for presentation to the student in the material Science 11 D Attainment Task Questions for Student Use.

“Harold’s teacher also explains that animals in groups work together in order to survive.”

Play Science 11 D Deer and Wolves Animation, Part 1 and 2 for the student.

5. “What evidence from Parts 1 and 2 of the animation supports the claim that the wolves have a better chance of survival if they hunt in a pack?”

Response Option	Response Rationale
a. Hunting in a pack, the wolves are equally likely to catch their prey and have the food they need to survive.	<i>The student recognizes that wolves hunt in packs to catch food but do not recognize how this affects their chance of survival.</i>
b. Hunting in a pack, the wolves are less likely to catch their prey and have the food they need to survive.	<i>The student recognizes that wolves hunt in packs to catch food but do not recognize how this affects their chance of survival.</i>
c. Hunting in a pack, the wolves are more likely to catch their prey and have the food they need to survive. (Correct)	<i>The student understands and explains that wolves hunt in packs to catch food because it improves their chance of survival.</i>
Depth of Knowledge (DOK) 2	

Science 11 D Attainment Task Questions for Student Use

5. What evidence from Parts 1 and 2 of the animation supports the claim that the wolves have a better chance of survival if they hunt in a pack?

Kentucky Academic Standard: HS-LS2-8. Evaluate evidence for the role of group behavior on individual and species' chances to survive and reproduce.

Alternate Assessment Target: *No limitations. All parts of the Kentucky Academic Standard are eligible to be included as an assessment item.*

Student Group	Number of Students*	Percent Correct #5
All Students	510	52.75%
Gender		
Female	187	50.27%
Male	323	54.18%
Ethnicity		
African American	72	48.61%
American Indian or Alaska Native	<10	Not Reported
Asian	<10	Not Reported
Hispanic of Latino	41	41.46%
Native Hawaiian of Pacific Islander	<10	Not Reported
White (Non-Hispanic)	362	55.80%
Two or More Races	26	53.85%
English Learner	31	45.16%
Economically Disadvantaged	325	50.15%

*Number of students that attempted the item