

ISASP Science Grade 5 Practice Test Constructed Response Rubrics

Ecosystems – Question 4

2 Points	<p>The student's response is correct and complete. The student provides valid inferences, claims, and/or evidence when prompted. The student provides the relevant information and supportive details required in the item.</p> <p><i>Sample Response:</i> The image of the coral should be switched with the image of the shark. The shark gets its energy from the fish and the fish gets its energy from the coral. The arrows point up to show the direction of energy flow in the food chain.</p>
1 Point	<p>The student's response is partially correct or complete. The student provides partial inferences, claims, and/or evidence when prompted. The student provides some information and supportive details required in the item.</p> <p><i>Sample Response:</i> The image of the coral should be switched with the image of the shark. <u>OR</u> The shark gets its energy from the fish and the fish gets its energy from the coral. <u>OR</u> The arrows point up to show the direction of energy flow in the food chain.</p>
0 Points	<p>The student's response is incorrect. The student does not address the requirements asked in the question.</p> <p><i>Sample Response:</i> The image of the fish should be switched with the image of the shark. <u>OR</u> The shark gets its energy from the coral and the coral gets its energy from the fish.</p>

Marbles and Ramps – Question 8

<p>2 Points</p>	<p>The student’s response is correct and complete. The student provides valid inferences, claims, and/or evidence when prompted. The student provides the relevant information and supportive details required in the item.</p> <p><i>Sample Response:</i> Yes, the data supports the students’ prediction. The students predicted the marble would roll the farthest on Ramp One. The marble rolled 95 cm on Ramp One, which is farther than it rolled on Ramp Two or Ramp Three.</p>
<p>1 Point</p>	<p>The student’s response is partially correct or complete. The student provides partial inferences, claims, and/or evidence when prompted. The student provides some information and supportive details required in the item.</p> <p><i>Sample Response:</i> Yes, the data supports the students’ prediction. <u>OR</u> The students predicted the marble would roll the farthest on Ramp One. <u>OR</u> The marble rolled 95 cm on Ramp One, which is farther than it rolled on Ramp Two or Ramp Three.</p>
<p>0 Points</p>	<p>The student’s response is incorrect. The student does not address the requirements asked in the question.</p> <p><i>Sample Response:</i> No, the data does not support the students’ prediction.</p>

Weather – Question 13

2 Points	<p>The student’s response is correct and complete. The student provides valid inferences, claims, and/or evidence when prompted. The student provides the relevant information and supportive details required in the item.</p> <p><i>Sample Response:</i> As the average temperature increases between April and June, the amount of precipitation decreases. Once the average temperature remains relatively high in July, August, and September, the amount of precipitation increases throughout the rainy season.</p>
1 Point	<p>The student’s response is partially correct or complete. The student provides partial inferences, claims, and/or evidence when prompted. The student provides some information and supportive details required in the item.</p> <p><i>Sample Response:</i> As the average temperature increases between April and June, the amount of precipitation decreases. <u>OR</u> Once the average temperature remains relatively high in July, August, and September, the amount of precipitation increases throughout the rainy season.</p>
0 Points	<p>The student’s response is incorrect. The student does not address the requirements asked in the question.</p> <p><i>Sample Response:</i> It generally does not rain in Phoenix.</p>