ISASP Science Grade 8 Practice Test Constructed Response Rubric

2 Points	1 Point	0 Points
The student's response is correct and complete. The	The student's response is partially correct or complete. The	The student's response is incorrect. The student
student provides valid inferences, claims, and/or	student provides partial inferences, claims, and/or	does not address the requirements asked in the
evidence when prompted. The student provides the	evidence when prompted. The student provides some	question.
relevant information and supportive details required	information and supportive details required in the item.	
in the item.		Model One
	Model One	Sample Claim:
Model One	Sample Claims:	No claim or incorrect claim provided
Sample Claims:	• The water in the hypotonic solution will move from	Sample Evidence:
• The water in the hypotonic solution will move from	high to low concentration.	• No evidence or incorrect evidence provided
high to low concentration.	• The water in the hypotonic solution will move from the	
• The water in the hypotonic solution will move from	outside of the cell to the inside of the cell.	Model Two
the outside of the cell to the inside of the cell.	• The cell will expand and increase in mass.	Sample Claim:
• The cell will expand and increase in mass.	<u>OR</u> one or more of the following	No claim or incorrect claim provided
AND one or more of the following	Sample Evidence:	Sample Evidence:
Sample Evidence:	• The cell in Model One is similar to the egg in each cup	No evidence or incorrect evidence provided
• The cell in Model One is similar to the egg in each	in Experiment One.	
cup in Experiment One.	• Model One is similar to the eggs in Cups One – Four in	
 Model One is similar to the eggs in Cups One – 	Experiment Two.	
Four in Experiment Two.	<u>OR</u> one or more of the following	
AND one or more of the following	Model Two	
Model Two	Sample Claims:	
Sample Claims:	The water in the hypertonic solution will move from	
• The water in the hypertonic solution will move	high to low concentration.	
from high to low concentration.	• The water in the hypertonic solution will move from	
• The water in the hypertonic solution will move	the inside of the cell to the outside of the cell.	
from the inside of the cell to the outside of the cell.	• The cell will shrink and decrease in mass.	
• The cell will shrink and decrease in mass.	<u>OR</u> one or more of the following	
<u>AND</u> one or more of the following	Sample Evidence:	
Sample Evidence:	• The cell in Model Two is similar to the eggs in Cups Five	
• The cell in Model Two is similar to the eggs in Cups	– Eight in Experiment Two.	
Five – Eight in Experiment Two.		