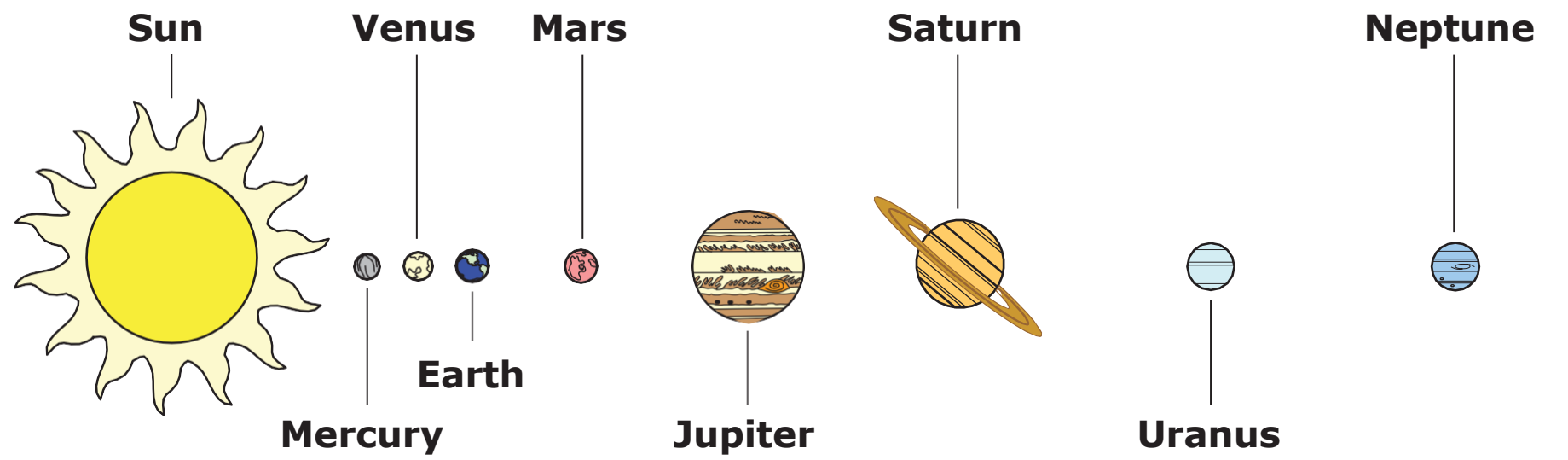


This item requires the use of specific manipulatives found in the task manipulative packet.

Item 00: (Task)

<p>Using the table from the task manipulative packet, present the task to the student. Read the highlighted text exactly as it appears: Earth is closer to the Sun than Jupiter. It takes Earth 1 year to orbit the Sun. It takes Jupiter 12 Earth years to orbit the Sun.</p> <p>Point to the text in the diagram from the task manipulative packet, and read the highlighted text exactly as it appears: Here is a diagram that shows the order of the planets. It says: Sun, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.</p> <p>Point to the text in the table from the task manipulative packet, and read the highlighted text exactly as it appears: Here is a table. It says: Planet, Distance from Sun, millions of kilometers, Time to Orbit Sun, Earth years; Earth, 150, 1; Mars, 228, blank; Jupiter, 779, 12; Saturn, 1,434, 29; Uranus, 2,873, blank; Neptune, 4,595, blank.</p> <p>Present the option cards labeled <i>HSE4P001</i>, and read the highlighted text exactly as it appears: Here are four cards to put in the table: 164, 84, 21, 2.</p>	
<p>Prompt 1: Point to the first blank box in the table from the task manipulative packet. Read the highlighted text exactly as it appears: How many Earth years does it take Mars to orbit the Sun?</p> <p>Present the option cards, and read the highlighted text exactly as it appears: 164, 84, 21, 2.</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <ul style="list-style-type: none"> If the student responds correctly, the student receives a score of 1. If the student responds incorrectly, the student receives a score of 0. If the student does not respond, the student receives a score of NR. <p>Fill in the score on the answer document that corresponds with the student’s response for this task.</p> <p>Read the highlighted text exactly as it appears: It takes 2 Earth years for Mars to orbit the Sun.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the table.</p>	<p>1 0 NR</p>

Correct answer prompt 1: Mars—2



Planet	Distance from Sun (millions of km)	Time to Orbit Sun (Earth years)
Earth	150	1
Mars	228	
Jupiter	779	12
Saturn	1,434	29
Uranus	2,873	
Neptune	4,595	

<p>Prompt 2: Point to the second blank box in the table from the task manipulative packet. Read the highlighted text exactly as it appears: How many Earth years does it take Uranus to orbit the Sun?</p> <p>Present the option cards, and read the highlighted text exactly as it appears: 164, 84, 21.</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1.</p> <p>If the student responds incorrectly, the student receives a score of 0.</p> <p>If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student’s response for this task.</p> <p>Read the highlighted text exactly as it appears: It takes 84 Earth years for Uranus to orbit the Sun.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the table.</p>	1 0 NR
<p>Prompt 3: Point to the third blank box in the table from the task manipulative packet. Read the highlighted text exactly as it appears: How many Earth years does it take Neptune to orbit the Sun?</p> <p>Present the option cards, and read the highlighted text exactly as it appears: 164, 21.</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1.</p> <p>If the student responds incorrectly, the student receives a score of 0.</p> <p>If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student’s response for this task.</p> <p>Read the highlighted text exactly as it appears: It takes 164 Earth years for Neptune to orbit the Sun.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the table.</p>	1 0 NR

Correct answer prompt 2: Uranus—84
Correct answer prompt 3: Neptune—164

164

HSE4P001_A

84

HSE4P001_B

21

HSE4P001_C

2

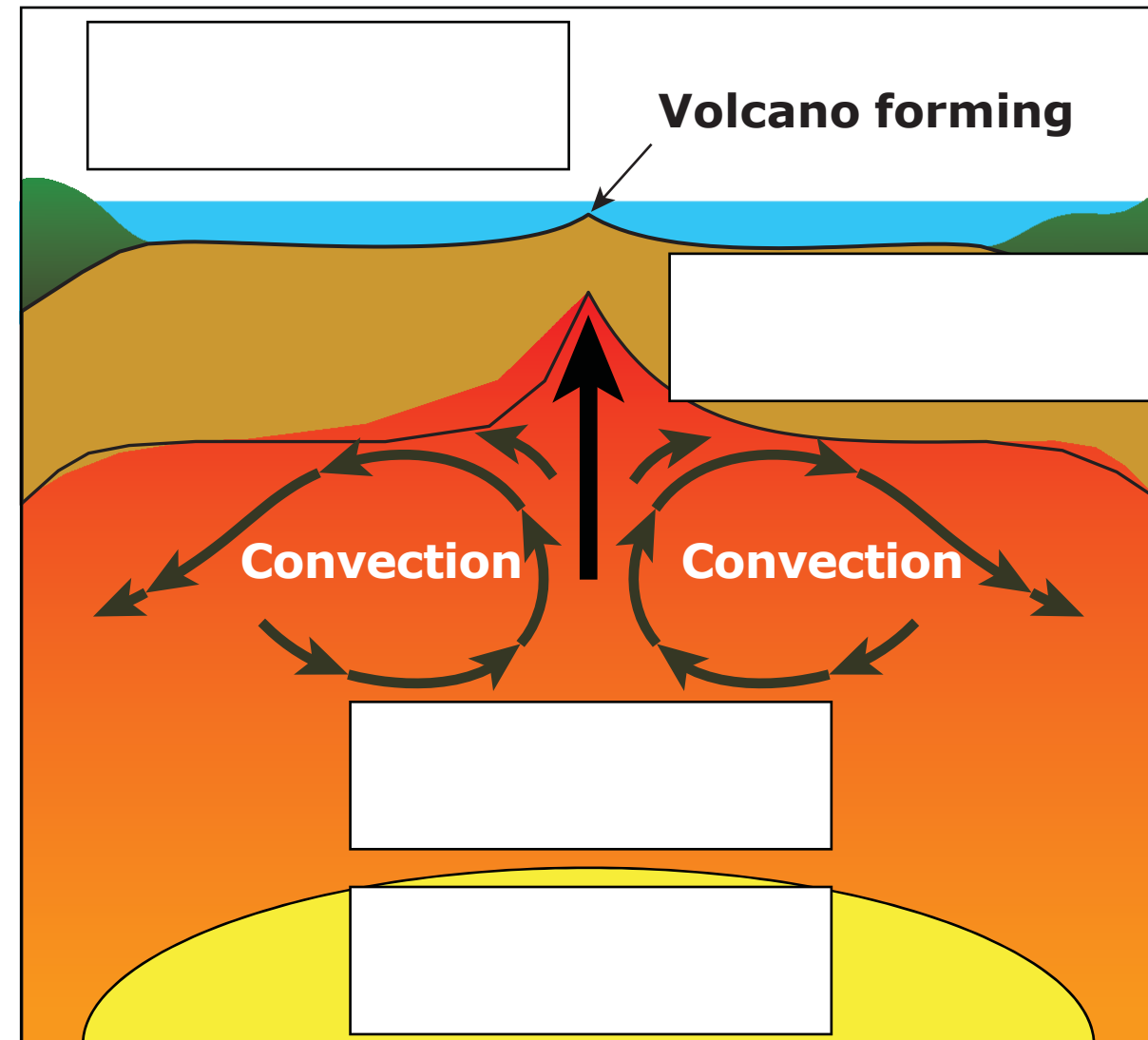
HSE4P001_D

This item requires the use of specific manipulatives found in the task manipulative packet.

Item 00: (Task)

<p>Using the diagram from the task manipulative packet, present the task to the student. Read the highlighted text exactly as it appears: A new volcano is forming in the Pacific Ocean.</p> <p>Point to the text in the diagram from the task manipulative packet, and read the highlighted text exactly as it appears: Here is a diagram of Earth's layers. It says: Volcano forming, Convection, Convection.</p> <p>Present the option cards labeled <i>HSE4P002</i>, and read the highlighted text exactly as it appears: Here are three cards to put in the diagram: Core, Crust, Mantle</p>	
<p>Prompt 1: Hand the Core card to the student. Point to the boxes in the diagram from the task manipulative packet. Read the highlighted text exactly as it appears: Where is Earth's core in the diagram?</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1.</p> <p>If the student responds incorrectly, the student receives a score of 0.</p> <p>If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student's response for this task.</p> <p>Read the highlighted text exactly as it appears: Earth's core is located in the center of Earth.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the diagram.</p>	<p>1 0 NR</p>

Correct answer prompt 1: Core—Center of Earth



<p>Prompt 2: Hand the Crust card to the student. Point to the boxes in the diagram from the task manipulative packet. Read the highlighted text exactly as it appears: Where is Earth’s crust in the diagram?</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1.</p> <p>If the student responds incorrectly, the student receives a score of 0.</p> <p>If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student’s response for this task.</p> <p>Read the highlighted text exactly as it appears: Earth’s crust is the top layer of Earth.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the diagram.</p>	1 0 NR
<p>Prompt 3: Hand the Mantle card to the student. Point to the boxes in the diagram from the task manipulative packet. Read the highlighted text exactly as it appears: Where is Earth’s mantle in the diagram?</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1.</p> <p>If the student responds incorrectly, the student receives a score of 0.</p> <p>If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student’s response for this task.</p> <p>Read the highlighted text exactly as it appears: Earth’s mantle is the middle layer of Earth.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the diagram.</p>	1 0 NR

Correct answer prompt 2: Crust—Top layer of Earth
Correct answer prompt 3: Mantle—Middle layer of Earth



Core
HSE4P002_A

Crust
HSE4P002_B

Mantle
HSE4P002_C

This item requires the use of specific manipulatives found in the task manipulative packet.

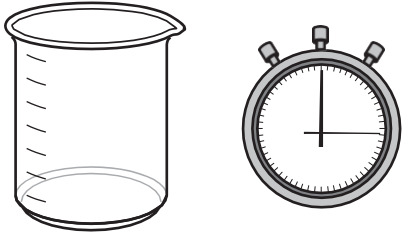
Item 00: (Task)

<p>Using the chart from the task manipulative packet, present the task to the student. Read the highlighted text exactly as it appears: During exercise, working muscles make the body warmer. The heart pumps to move heat and water from muscles to the skin so that the body can cool down. Some measurements can show that a body is trying to cool down.</p> <p>Point to the text in the chart from the task manipulative packet, and read the highlighted text exactly as it appears: Here is a chart. It says: Exercise, Should Measure, Should Not Measure.</p> <p>Present the option cards labeled <i>HSL5P006</i>, and read the highlighted text exactly as it appears: Here are three cards to put in the chart: Sweat amount, Muscle size, Heart speed</p>	
<p>Prompt 1: Hand the Sweat amount card to the student. Point to the boxes in the chart from the task manipulative packet. Read the highlighted text exactly as it appears: Should a student measure sweat amount to investigate if a body is trying to cool down or should a student not measure sweat amount?</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <ul style="list-style-type: none">If the student responds correctly, the student receives a score of 1.If the student responds incorrectly, the student receives a score of 0.If the student does not respond, the student receives a score of NR. <p>Fill in the score on the answer document that corresponds with the student's response for this task.</p> <p>Read the highlighted text exactly as it appears: A student should measure sweat amount to investigate if a body is trying to cool down.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the chart.</p>	<p>1 0 NR</p>

Correct answer prompt 1: Sweat amount—Should Measure

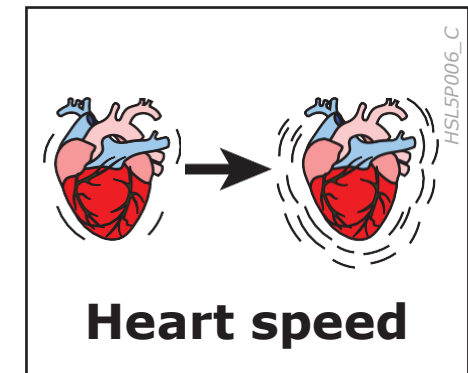
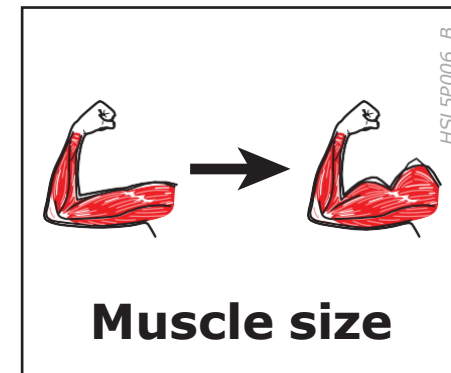
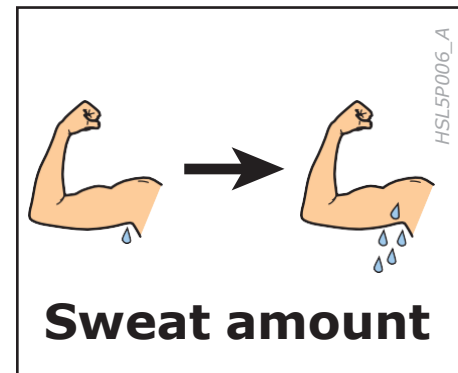


Exercise

Should Measure 	Should Not Measure

<p>Prompt 2: Hand the Muscle size card to the student. Point to the boxes in the chart from the task manipulative packet. Read the highlighted text exactly as it appears: Should a student measure muscle size to investigate if a body is trying to cool down or should a student not measure muscle size?</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1.</p> <p>If the student responds incorrectly, the student receives a score of 0.</p> <p>If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student’s response for this task.</p> <p>Read the highlighted text exactly as it appears: A student should not measure muscle size to investigate if a body is trying to cool down.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the chart.</p>	1 0 NR
<p>Prompt 3: Hand the Heart speed card to the student. Point to the boxes in the chart from the task manipulative packet. Read the highlighted text exactly as it appears: Should a student measure heart speed to investigate if a body is trying to cool down or should a student not measure heart speed?</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1.</p> <p>If the student responds incorrectly, the student receives a score of 0.</p> <p>If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student’s response for this task.</p> <p>Read the highlighted text exactly as it appears: A student should measure heart speed to investigate if a body is trying to cool down.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the chart.</p>	1 0 NR

Correct answer prompt 2: Muscle size—Should Not Measure
Correct answer prompt 3: Heart speed—Should Measure

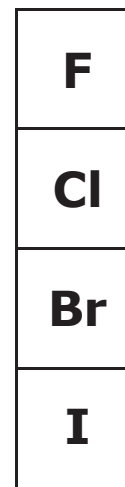


This item requires the use of specific manipulatives found in the task manipulative packet.

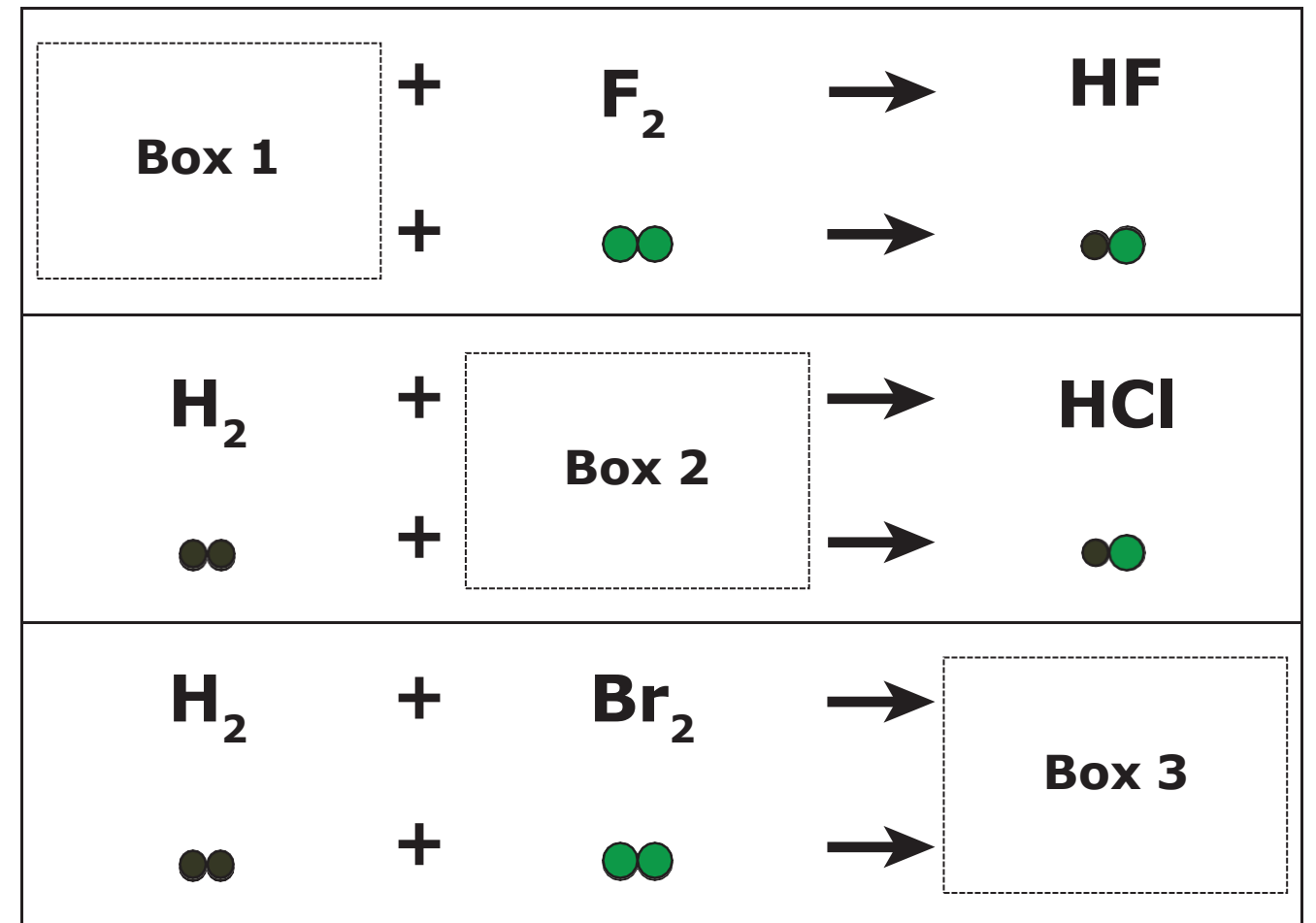
Item 00: (Task)

<p>Using the chart from the task manipulative packet, present the task to the student. Read the highlighted text exactly as it appears: Elements from Group 17 of the periodic table all react with hydrogen in the same way.</p> <p>Point to the text in the Group 17 Elements diagram from the task manipulative packet, and read the highlighted text exactly as it appears: Here is a diagram of elements from Group 17 of the periodic table. It says: F, C L, B R, I; Group 17 Elements.</p> <p>Point to the text in the chart from the task manipulative packet, and read the highlighted text exactly as it appears: Here is a chart of chemical reactions. The first reaction says Box 1 plus F two produces H F. The second reaction says H two plus Box 2 produces H C L. The third reaction says H two plus B R two produces Box 3.</p> <p>Present the option cards labeled <i>HSP5P005</i>, and read the highlighted text exactly as it appears: Here are four cards to put in the boxes: C L 2, H 2, F, H B R</p>	
<p>Prompt 1: Point to the Box 1 reaction in the chart from the task manipulative packet. Read the highlighted text exactly as it appears: Box 1 plus F two produces H F. Which chemical belongs in Box 1 to complete the reaction?</p> <p>Present the option cards, and read the highlighted text exactly as it appears: C L 2, H 2, F, H B R.</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <ul style="list-style-type: none">If the student responds correctly, the student receives a score of 1.If the student responds incorrectly, the student receives a score of 0.If the student does not respond, the student receives a score of NR. <p>Fill in the score on the answer document that corresponds with the student's response for this task.</p> <p>Read the highlighted text exactly as it appears: H 2 belongs in Box 1 to complete the reaction.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the chart.</p>	1 0 NR

Correct answer prompt 1: Box 1—H₂



Group 17
Elements



<p>Prompt 2: Point to the Box 2 reaction in the chart from the task manipulative packet. Read the highlighted text exactly as it appears: H two plus Box 2 produces H C L. Which chemical belongs in Box 2 to complete the reaction?</p> <p>Present the option cards, and read the highlighted text exactly as it appears: C L 2, F, H B R.</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1. If the student responds incorrectly, the student receives a score of 0. If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student's response for this task.</p> <p>Read the highlighted text exactly as it appears: C L 2 belongs in Box 2 to complete the reaction.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the chart.</p>	1 0 NR
<p>Prompt 3: Point to the Box 3 reaction in the chart from the task manipulative packet. Read the highlighted text exactly as it appears: H two plus B R two produces Box 3. Which chemical belongs in Box 3 to complete the reaction?</p> <p>Present the option cards, and read the highlighted text exactly as it appears: F, H B R.</p> <p>The student receives a score of 1 for a correct response. If the student does not respond, repeat the prompt <i>only once</i>, exactly as it appears above.</p> <p>If the student responds correctly, the student receives a score of 1. If the student responds incorrectly, the student receives a score of 0. If the student does not respond, the student receives a score of NR.</p> <p>Fill in the score on the answer document that corresponds with the student's response for this task.</p> <p>Read the highlighted text exactly as it appears: H B R belongs in Box 3 to complete the reaction.</p> <p>If the student did not respond correctly, pick up and put the option card in the correct box. Leave the option card in place in the chart.</p>	1 0 NR

Correct answer prompt 2: Box 2—Cl₂
Correct answer prompt 3: Box 3—HBr

