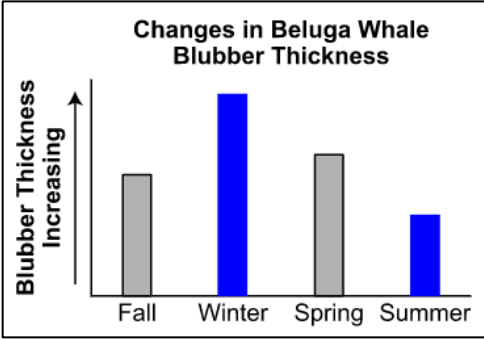
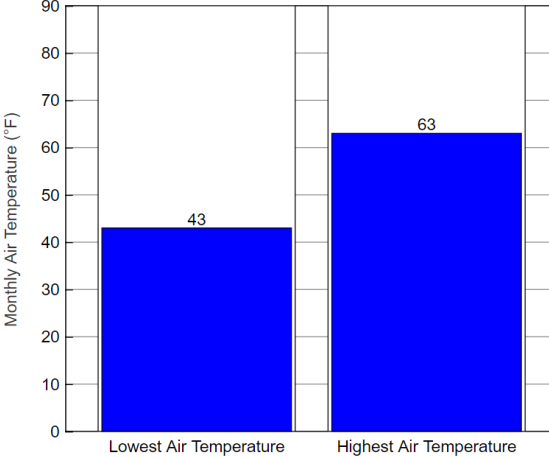


Science Grade 5 Online Tools Training

Part 1

Question	Answer Key	Alignment	DOK
1	A, C	4-ESS2-1	2
2	<p><b>Drop-Down List 1:</b> lower jawbone</p> <p><b>Drop-Down List 2:</b> brain</p>	4-LS1-1	2
3	<p><b>Part A:</b></p>  <p><b>Part B:</b></p> <p><b>Drop-Down List 1:</b> winter</p> <p><b>Drop-Down List 2:</b> it helps the whale survive cold water temperatures</p>	3-LS4-3	3
4	<p><b>Observations</b></p> <p>The fossil tracks have three toes.</p> <p>The fossil tracks are different sizes.</p> <p>The original tracks formed in mud that dried quickly.</p> <p>The original tracks formed at a specific time in history.</p>	3-LS4-1	2
5	<p><b>Part A:</b></p> <p>Lake Clark National Park Air Temperatures</p>  <p><b>Part B:</b> B</p>	3-ESS2-1	3

Science Grade 5 Online Tools Training continued

Part 2

Question	Answer Key	Alignment	DOK
6	Drop-Down List 1: 1 Drop-Down List 2: increases Drop-Down List 3: increasing	3-ESS2-1	2
7	B	3-ESS2-2	2
8	A	3-LS3-2	2
9	Part A: C Part B: B	4-LS1-1	2
10	A	5-ESS1-2	2

Part 3

Question	Answer Key	Alignment	DOK																									
11	<table border="1"> <thead> <tr> <th></th> <th>Hydrosphere and Atmosphere</th> <th>Biosphere and Geosphere</th> <th>Geosphere and Atmosphere</th> <th>Atmosphere and Biosphere</th> </tr> </thead> <tbody> <tr> <td>Plants take in CO<sub>2</sub> from the air.</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Decomposers break down carbon underground.</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Methane gas is released from the ground to the air.</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>CO<sub>2</sub> from the air is taken in by oceans.</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>		Hydrosphere and Atmosphere	Biosphere and Geosphere	Geosphere and Atmosphere	Atmosphere and Biosphere	Plants take in CO <sub>2</sub> from the air.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Decomposers break down carbon underground.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Methane gas is released from the ground to the air.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CO <sub>2</sub> from the air is taken in by oceans.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5-ESS2-1	2
	Hydrosphere and Atmosphere	Biosphere and Geosphere	Geosphere and Atmosphere	Atmosphere and Biosphere																								
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12	Part A: subtracted from Part B: 4	5-PS1-2	2																									
13	A, E	5-PS2-1	2																									
14	<p><b>Part A:</b></p> <div style="border: 1px solid black; padding: 5px;"> <p><b>Addition to the Model:</b></p> <div style="border: 2px solid blue; padding: 2px;"> <p>The sun should be added to the model, with one arrow pointing from the sun to the tree.</p> </div> <p>Earth's core should be added to the model, with one arrow pointing from the core to the tree.</p> <p>The sun should be added to the model, with one arrow pointing from the sun to the tree and a second arrow pointing from the sun to the cow.</p> </div> <p><b>Part B:</b></p> <div style="border: 1px solid black; padding: 5px;"> <p><b>Description:</b></p> <p>The tree and the cow use the same type of energy for life processes.</p> <div style="border: 2px solid blue; padding: 2px;"> <p>The tree must change the energy it uses to a form that the cow can use.</p> </div> </div>	5-PS3-1	3																									
15	A	5-PS1-2	2																									