

Spirit Lake Recovery

Name:

Period:

For this exercise, you are going to apply what you have learned about photosynthesis. You will be watching a video clip of a scientist explaining how a “dead” lake has recovered, and then writing a paragraph that summarizes what has happened to the lake over time, thanks to photosynthesis.



In the grid below, you have been given sentence starters, along with hints as to what to watch for in the video. There is also space for you to take notes to help you figure out what to include in your sentences.

sentence starters and hints	(space for notes)
<p>When Mt. St. Helens erupted...</p> <p><i>[what happened to the lake?]</i></p>	
<p>For several years after the eruption in Spirit Lake ...</p> <p><i>[describe what the lake was like]</i></p>	
<p>Life started to return to the lake, beginning with ...</p> <p><i>[what were the next living things to show up in the lake after bacteria?]</i></p>	
<p>Once photosynthesis began, and _____ gas was added to the lake, this meant that...</p> <p><i>[why was it important for this gas to get into the lake water?]</i></p>	
<p>Today in Spirit Lake,</p> <p><i>[describe the sort of life that now is in the lake]</i></p>	

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sentence starters and hints	write a complete sentence for this idea
When Mt. St. Helens erupted... <i>[what happened to the lake?]</i>	<hr/> <hr/> <hr/> <hr/> <hr/>
For several years after the eruption in Spirit Lake ... <i>[describe what the lake was like]</i>	<hr/> <hr/> <hr/> <hr/> <hr/>
Life started to return to the lake, beginning with ... <i>[what were the next living things to show up in the lake after bacteria?]</i>	<hr/> <hr/> <hr/> <hr/> <hr/>
Once photosynthesis began, and _____ gas was added to the lake, this meant that... <i>[why was it important for this gas to get into the lake water?]</i>	<hr/> <hr/> <hr/> <hr/> <hr/>
Today in Spirit Lake, <i>[describe the sort of life that now is in the lake]</i>	<hr/> <hr/> <hr/> <hr/> <hr/>

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It is now time to write your paragraph. You need to be able to describe a sequence of events clearly. That is why sequencing words have been used in your sentence starters, to express how the lake has changed over time. Copy the sentences you have constructed in the space below. You should find that they nicely help you to create a paragraph on this topic:

How did photosynthesis help a "dead" lake to recover?
