Bozeman AP Environmental Science | Big Idea #7 - Global Change 033 - Stratospheric Ozone

Name:	Block/Period:	_ Date:
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Students: It is recommended that you watch the video with subtitles ON; be prepared to pause and rewind. The video is ~10 minutes long, but this worksheet will take you around ~<u>30 to 35 minutes</u> to complete. There will be a review / discussion afterwards requiring you to record corrections <u>AND</u> summarize additional material / information.

Description (-1/2 point for each time the rubric is not followed)		Point Value
Each question has been answered		0 ½ 1
Each question has been answered in a full sentence		0 ½ 1
Each answer has avoided 'it' or 'they' statements, by being clear on the topic of the answer		0 ½ 1
Review: Answers that were incorrect are corrected, in a different color		0 ½ 1
Discussion: 2 OR more summary statements of the additional material / information, in a different color		0 ½ 1
	Score:	/ 5

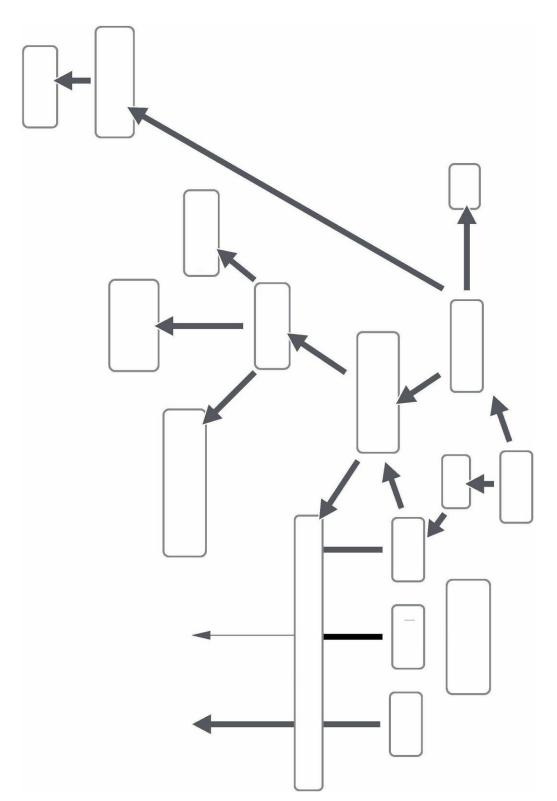
- 1. **Describe** the purpose of Sunscreen.
- 2. Explain why we need a Stratospheric Ozone layer.

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3. Listen to Mr. Anderson describe the various parts of the concept map, and pause after he reveals a new word, and filling in that word.





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Bozeman Science* AP Environmental Science**

4. Explain what Tropospheric (Bad) Ozone can cause.

5. Analyze why it makes sense that large amounts of Ozone would exist high in the atmosphere.

6. Draw & Label diagrams showing Solar Formation of Ozone and its Breakdown.

7. Explain the process of Chlorofluorocarbons (CFCs) breaking down Ozone.



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- 8. **Describe** why an Ozone hole would form at the poles first.
- 9. **Describe** the outcome of the Montreal Protocol (1989).

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