

**Bozeman AP Environmental Science | Introduction**  
**001 - Environmental Science**

Name: \_\_\_\_\_ Block/Period: \_\_\_\_ Date: \_\_\_\_\_

**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 ~30 to 35 minutes to complete. There will be a review / discussion afterwards requiring you to record corrections AND summarize additional material / information.

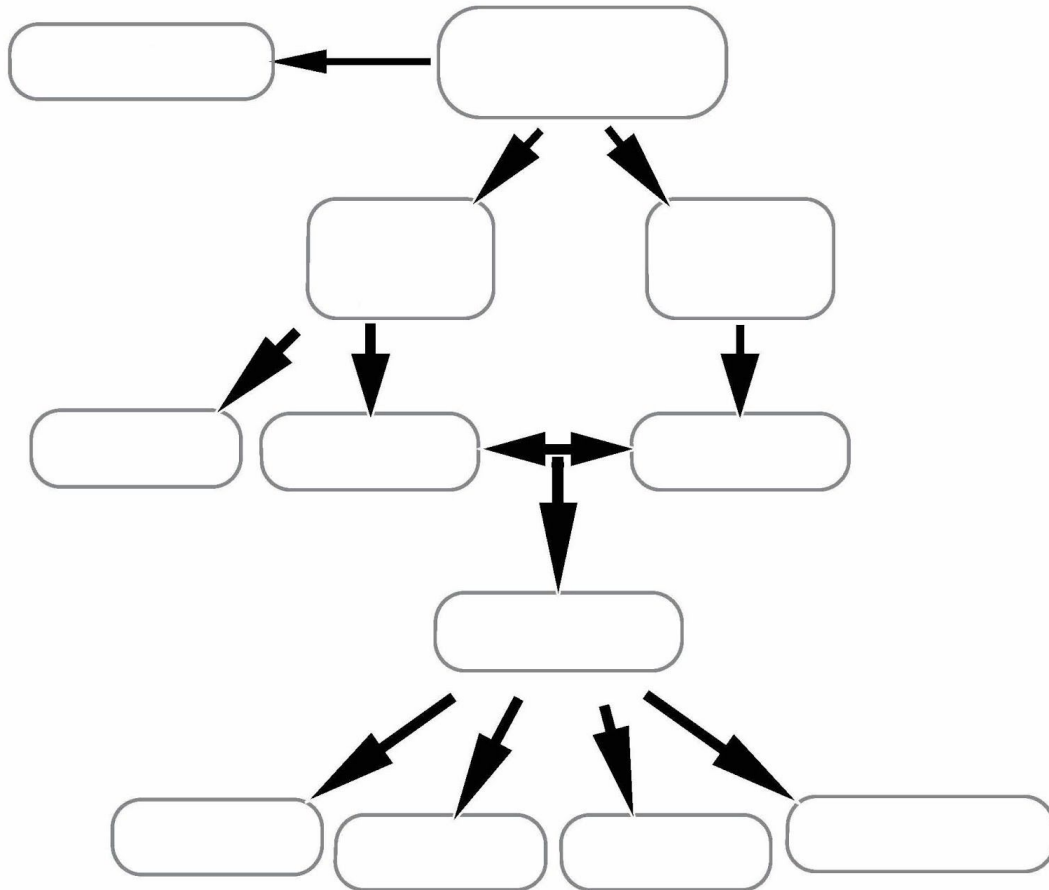
Description (-½ point for each time the rubric is not followed)	Point Value
Each question has been answered	0   ½   1
Each question has been answered in a full sentence	0   ½   1
Each answer has avoided 'it' or 'they' statements, by being clear on the topic of the answer	0   ½   1
<i>Review: Answers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

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1. AP Environmental science is the study of the \_\_\_\_\_ between the \_\_\_\_\_ and the \_\_\_\_\_.



- 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.



- Describe** what happened on Easter Island.

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4. **Explain** the difference between Environmental Science vs Environmentalism.

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5. **Analyze** why the t-shirts from the 1980s that said 'Save Our Planet' is a silly slogan.

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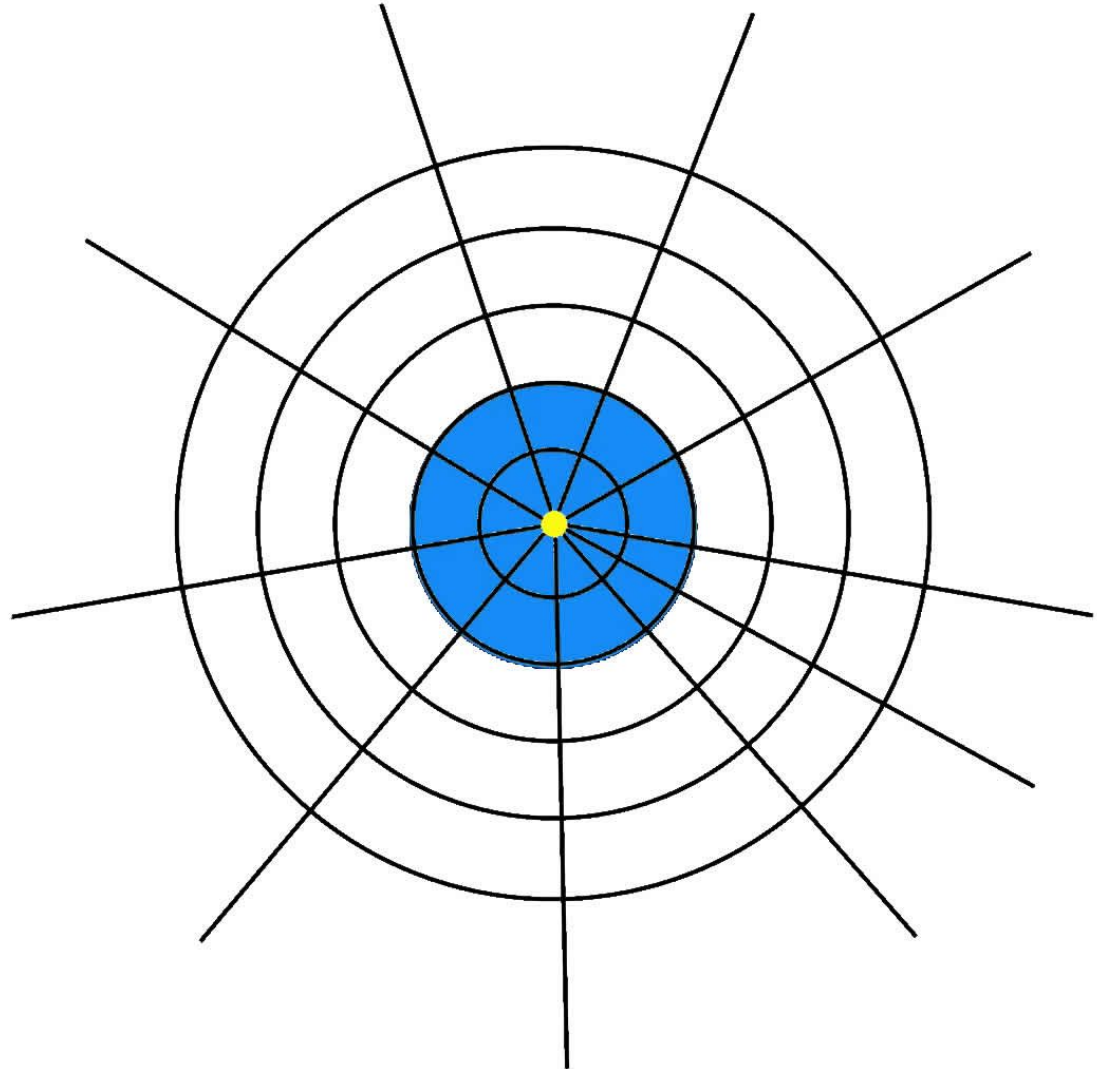
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6. Fill in the following Planetary Boundaries chart and color in those boundaries that we have already passed the capacity of Earth for.



- a. What does the yellow dot in the center represent?

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- b. What does the blue circle represent?

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7. **Analyze** Why do some of the Planetary Boundaries from #6 have no red filled in?

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8. **Describe** what needs to drive sustainability.

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9. **List** the 7 science practices:

- i. \_\_\_\_\_
- ii. \_\_\_\_\_
- iii. \_\_\_\_\_
- iv. \_\_\_\_\_
- v. \_\_\_\_\_
- vi. \_\_\_\_\_
- vii. \_\_\_\_\_

10. **Describe** what happened to the Deepwater Horizon.

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**In the 2019/2020 school year the Exam format will be changing. Students should not watch the video past 7:30 into the recording.**

