

Bozeman AP Environmental Science | Big Idea #5 - Energy Resources & Consumption
024 - Fossil Fuel Resources

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.

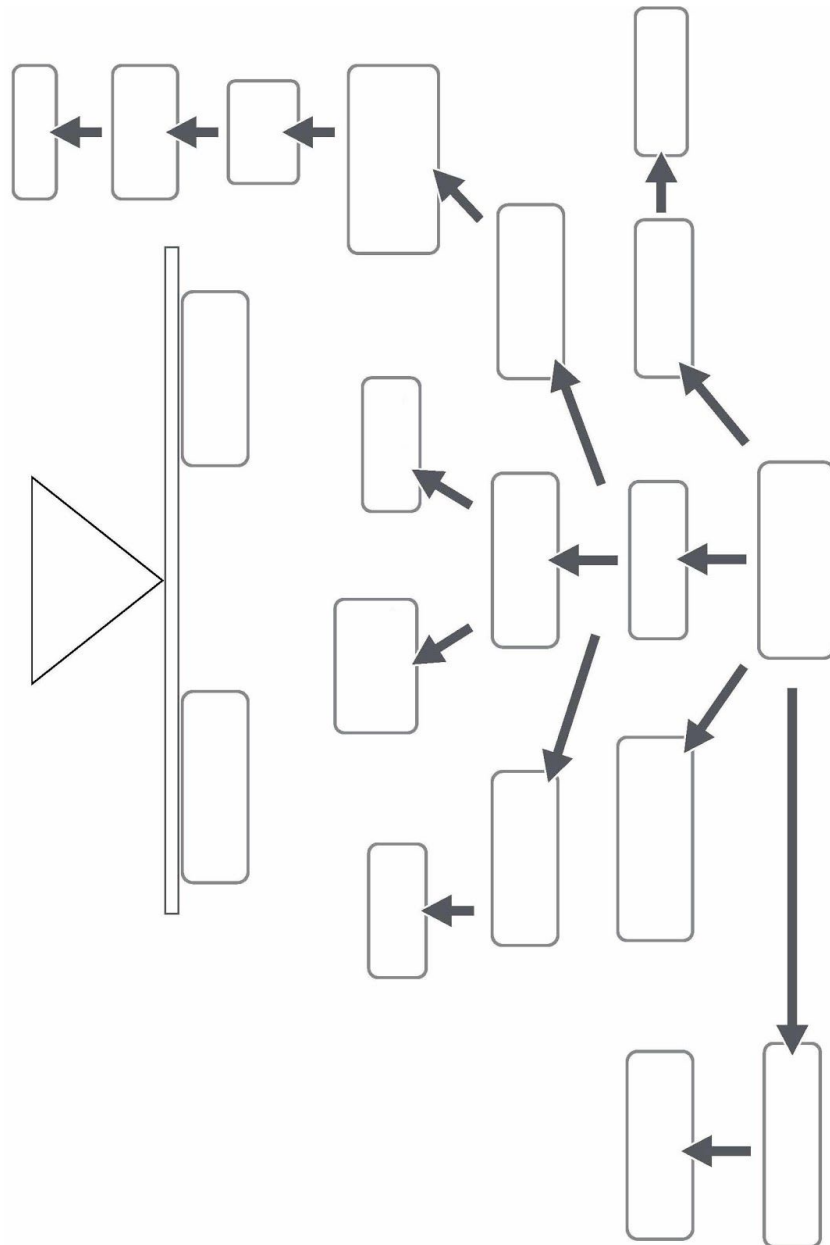
Description (-½ point for each time the rubric is not followed)	Point Value
Each question has been answered	0 ½ 1
Each question has been answered in a full sentence	0 ½ 1
Each answer has avoided 'it' or 'they' statements, by being clear on the topic of the answer	0 ½ 1
<i>Review: Answers that were incorrect 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

1. Most of the energy that I am using and you are using right now is probably coming from _____.

2. **Describe** why it is unlikely for fossil fuels (coal, oil, and natural gas) to come from dinosaurs.



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.



4. What percentage of our energy consumption (in 2013) was fossil fuels? _____

5. **Explain** the process of forming Coal.

6. Anthracite is the most clean form of coal because it is essentially

7. **Fill-in** the following table of Advantages vs Disadvantages of using Coal.

Advantage	Disadvantage

8. **Explain** the process of forming Petroleum.

9. **Describe** the primary way that we separate Crude Oil.

10. **Fill-in** the following table of Advantages vs Disadvantages of using Petroleum.

Advantage	Disadvantage

11. **Fill-in** the following table of Advantages vs Disadvantages of using Natural Gas.

Advantage	Disadvantage

12. **Explain** the Hubbert curve. Give a reason why the curve isn't perfect.

13. **Fill-in** where most of our Fossil Fuel reserves are located worldwide.

Coal Reserves	
Oil Reserves	
Gas Reserves	

14. **Analyze** why Fossil Fuels will never be sustainable, and why they will eventually be replaced through the process of Economy.
