

Bozeman AP Environmental Science | Big Idea #5 - Energy Resources & Consumption
023 - Energy Consumption

Name: _____ Block/Period: ____ Date: _____

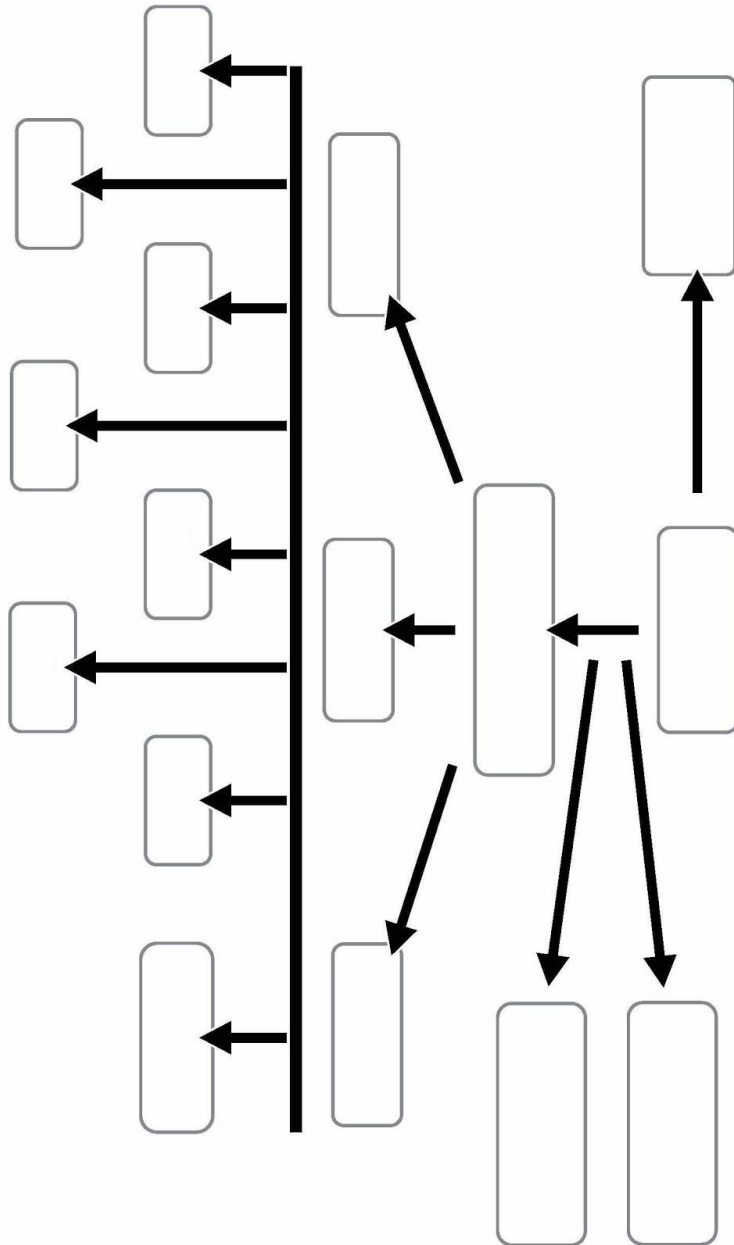
Students: It is recommended that you watch the video with subtitles ON; be prepared to pause and rewind. The video is ~10 minutes long, but this worksheet will take you around ~30 to 35 minutes to complete. There will be a review / discussion afterwards requiring you to record corrections AND summarize 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. It takes approximately _____ large pepperoni pizza to power you everyday, but _____ pepperoni pizzas to power your lifestyle everyday.



2. 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.



3. **Describe** the 1973 Oil Crisis.

4. **Analyze** the repercussions of reduced Oil Supply (1973 & 1979).

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

6. **Define** Energy Return on Investment (EROI).

7. **Analyze** why it is hard to make a transition to renewable energy.

8. **Analyze** why the move to renewables is inevitable.

