Name: Quang Huynh Ecology #12

**Watch video on Fossils Fuels then answer questions:**

<https://www.youtube.com/watch?v=zaXBVYr9Ij0>

Questions:

1. Define fossil fuels = A group of energy sources formed from ancient plants and organisms in the carboniferous period.

2. What are three types of fossil fuels AND how is each of them formed? The three types of fossil fuels are coal, oil and natural gas. Coal is formed from plants and pressure of heat. Oil is formed from small organisms, where pressure caused the organisms to decompose. Natural gas is made through the same process as oil, but with more heat and pressure.

3. What products use fossil fuels when manufactured? Plastics, cosmetics, medicine.

4. What are fossils fuels used for? A scarce inexpensive form of energy.

5. Define nonrenewable resource = Once the materials are used, they won’t be replenished in a human lifetime.

6. What gas is emitted into the atmosphere from the burning of fossil fuels? The gas emitted into the atmosphere from the burning of fossil fuels is carbon dioxide.

**Watch video on the COVID-19 Pandemic and Air Quality:**

<https://www.youtube.com/watch?v=IJ7F9uLLREo>

Question:

Since there have been positive results in air quality during isolation, what other methods can be used by the world instead of burning fossil fuels? Other methods that can be used by the world instead of burning fossil fuels would be using other types of energy-efficient transport, like electric vehicles or using a bicycle. Furthermore, lowering work weeks could help with air quality too.

**Watch video on Alternative Energy Sources:**

<https://www.youtube.com/watch?v=1kUE0BZtTRc>

Questions:

1. What are the benefits of using renewable energy sources? Can combat climate change, decrease pollution, is reliable, and is cheaper than fossil fuels.

2. What are some negative aspects of using renewable energy sources? They generate on a smaller scale than fossil fuels, can disrupt wildlife and migration patterns, along with power being intermittent.