



Stations Worksheet



Directions: At each station, you will find various charts and maps detailing specific fossil fuels and the world's consumption of energy. Look at the sources at each station and answer the corresponding questions. This activity is to enhance your understanding of the world's desire for fossil fuels while also discovering the lack of fuels remaining.

Station 1/Import & Export of Crude Oil

Activity/Questions

For this station, focus on various nations in the world and the quantity of imports and exports that are displayed. Think about environment and social consequences that could conspire based on these maps.

- 1) Question 1: Why do you think the United States imports excessive quantities of oil compared to other nations in the world?
- 2) Question 2: What do you think are possible consequences with only two nations in the world that export large amounts of oil?

Station 2/ Oil Reserves and the Price of Oil

Activity/Questions

For this station, examine the line graph to understand the fluctuation in oil prices and the recent changes in those prices. Also, focus on the map displaying the world's remaining oil reserves while thinking about future concerns with this map.

- 1) Based on the increasing price of oil and very few nations contain large amounts of oil reserves, what are some possible concerns that societies could face in the future?
- 2) To avoid these concerns, can you think of any methods that countries/societies should act on?



Station 3/The Production of Oil

Activity/Questions

For this station, observe the production of crude oil in the world and think both historically and currently about issues regarding fossil fuels. Also, continue thinking about future consequences societies may encounter.

- 1) Why do you think oil costs more when a country imports it rather than being able to produce it domestically?

- 2) What were some reasons as to why the United States decreased oil production since 1967?

Station 4/The Output of Oil and Coal

Activity/Questions

For this station, examine the output of coal in the world and think about the number of countries that produce coal compared to other nations. Also, focus on the production of crude oil compared to the quantity of oil imported into the United States

- 1) Historically, why would the United States begin importing more oil than producing it?

- 2) What are some long-term implications with only 23 countries producing coal for the entire world?



Enrichment/Critical Thinking

Activity/Questions

After viewing and examining all of the primary sources, complete this extension activity. Think complexly about the primary sources and what they were showing and detailing. Refer back to your answers above to help guide your thinking.

- 1) It is clearly shown in the primary sources, that amount of fossil fuels in the world is diminishing quickly and, specifically the United States, is consuming excessive amounts of fossil fuels. What are some long-term consequences when facing this issue? How should the United States, and the world, adapt or transition from fossil fuels?



Out-The-Door-Summary/Final Assessment

Activity/Questions

After completing the stations worksheet, answer the following question to end the lesson. Use any material and prior knowledge to help answer the question. Be sure to submit this graphic organizer when it is completed.

- 1) Based on evidence from the lesson, why do you think societies need fossil fuels and how does it have long-lasting consequences?