



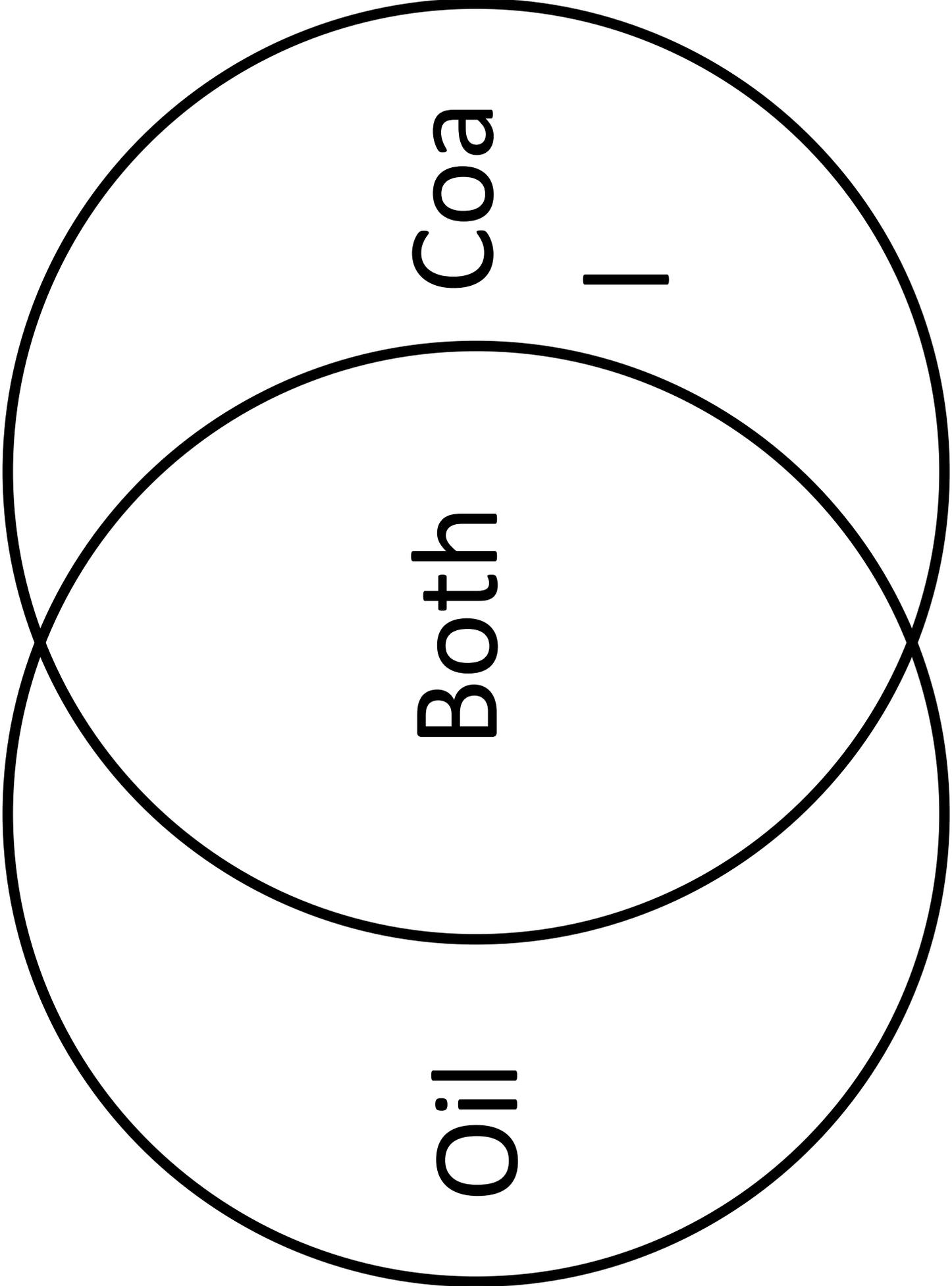
Carbon, Climate, and Energy Resources

Module 4. Fossil Fuel Formation

Activity 2. Compare and Contrast Oil and Coal Resources — Student Worksheet

Directions: Watch the video, [Coal, Oil and Natural Gas](#). Pause the video at the Venn diagram and do this activity. Cut out the rectangles containing statements below and organize them on the Venn diagram on page 2 according to whether they apply to coal alone, oil alone, or both coal and oil.

Formed from marine organisms	Typical power plant fuel
Formed from vegetation	U.S. uses 20% of world supply
Source of carbon dioxide	U.S. has 25% of world supply
Example of a fossil fuel	Contains carbon
Migrates up after formed	Formed from kerogen
Non-renewable	Four varieties (carbon content)
Used for electricity	Most reserves in Middle East
Buried during formation	Takes millions of years to form



Oil

Both

Coa

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