

# Coal Distribution in Utah

Name: \_\_\_\_\_

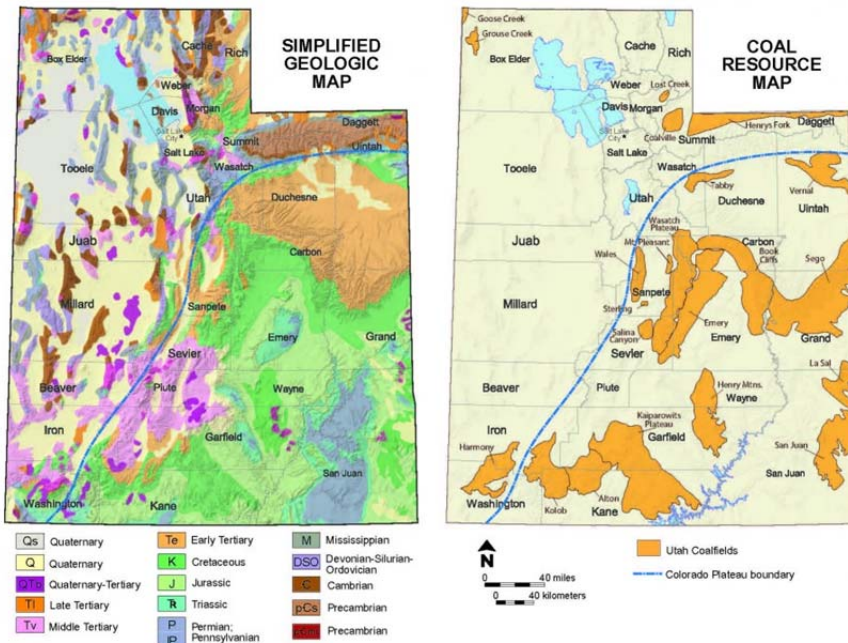
**Phenomenon:** Make a list of questions based on what you see in the picture.

- 1.
- 2.
- 3.

**Question:** After watching the videos, describe how coal is formed.

Why is there not an even layer of coal across the entire earth?

**Analyze** these two maps. The key to the geologic map begins with Quaternary (youngest) and moves back in time to the Precambrian (oldest) rock.



What are some reasons for the uneven distribution of the coal?

**Construct an explanation** that shows that the uneven distribution of coal in Utah is caused by geological processes. Include evidence and reasoning from your model and study of the maps in your explanation.

Claim \_\_\_\_\_

\_\_\_\_\_

Evidence \_\_\_\_\_

\_\_\_\_\_

Reasoning \_\_\_\_\_

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