Teacher's Guide

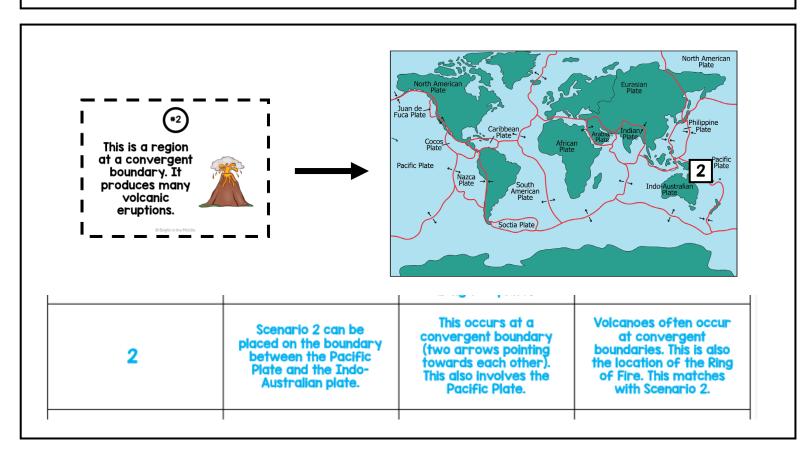
Plate Tectonics Activity - Landforms and Geologic Events

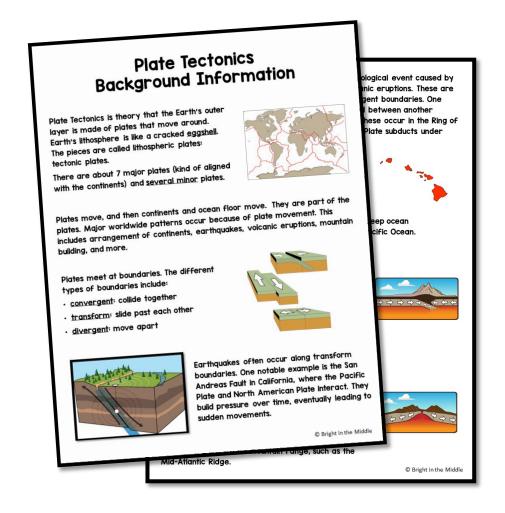
Students will:

- "construct an explanation to illustrate how the movement of lithospheric plates can create geologic landforms and cause major geologic events such as earthquakes and volcanic eruptions".
- read scenario cards and match them with a location on a plate tectonic map.

Directions:

- I) Students should read the "Plate Tectonics Background Information". This will help them determine where the scenario cards can be placed.
- 2) There are 8 scenario cards. Students will cut out the number that matches the scenario card on the plate tectonic map and place it where they think it belongs. They can also just write the number on the map.
- 3) On the CER answer sheets, students must defend why they placed the scenario card in that location and back it up with evidence and reasoning.

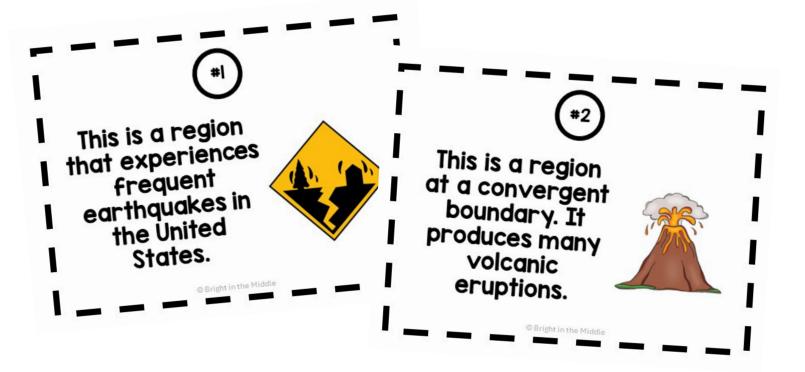




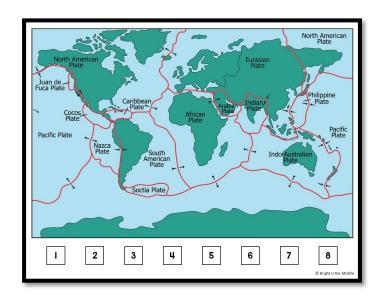
Background information provides information to help students solve the scenario cards.



There are 8 scenario cards.



Students place the number of the scenario card on the plate tectonics map where it may belong.





Students must defend their card placements with evidence and reasoning.

PIQTE TECTONICS ACTIVITY Name			
Scenario #	Claim	Evidence	Reasoning
			© Bright in the N



ANSWER KEYS ARE INCLUDED!

