

Item #:

## Plate Interactions: Animations

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

Type of Boundary				
	Animation #1: Plates move Apart	Animation #2: Plates come together (continental-continental crust)	Animation #3: Plates come together (oceanic-continental crust)	Animation #4: Plates slide past each other
How the plates move				
Action at the edges				
Type of crust				
How magma reaches surface				
Geologic Activity that occurs				
Regions with this type of action				

## Reflect

- 1) Describe how the differences in the type of crust (oceanic vs continental) can affect HOW two plates interact. (Give examples)
- 2) What do you now understand better about the relationship(s) between earthquakes and volcanoes?
- 3) Apply your understanding about the structure of Earth's layers and the processes within Earth's interior to explain the relationship it has to plate interactions and geologic activity.
- 4) You now know the patterns of geologic activity that are usually associated with each type of plate interaction and boundary zone. Which patterns matches the pattern of earthquakes and volcanoes you observed in your region? What does that tell you about the type of plate boundary and zone in your region? (If you have a hot spot, explain how plate movement affects your region)