



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

Date: \_\_\_\_\_

Class: \_\_\_\_\_

Title: Modeling Plate Tectonics and Volcanoes  
Student Sheet

### Explore Questions

1. What observations do you have about the location of volcanoes?

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2. What observations can you make about the relationship between volcanoes and plate boundaries?

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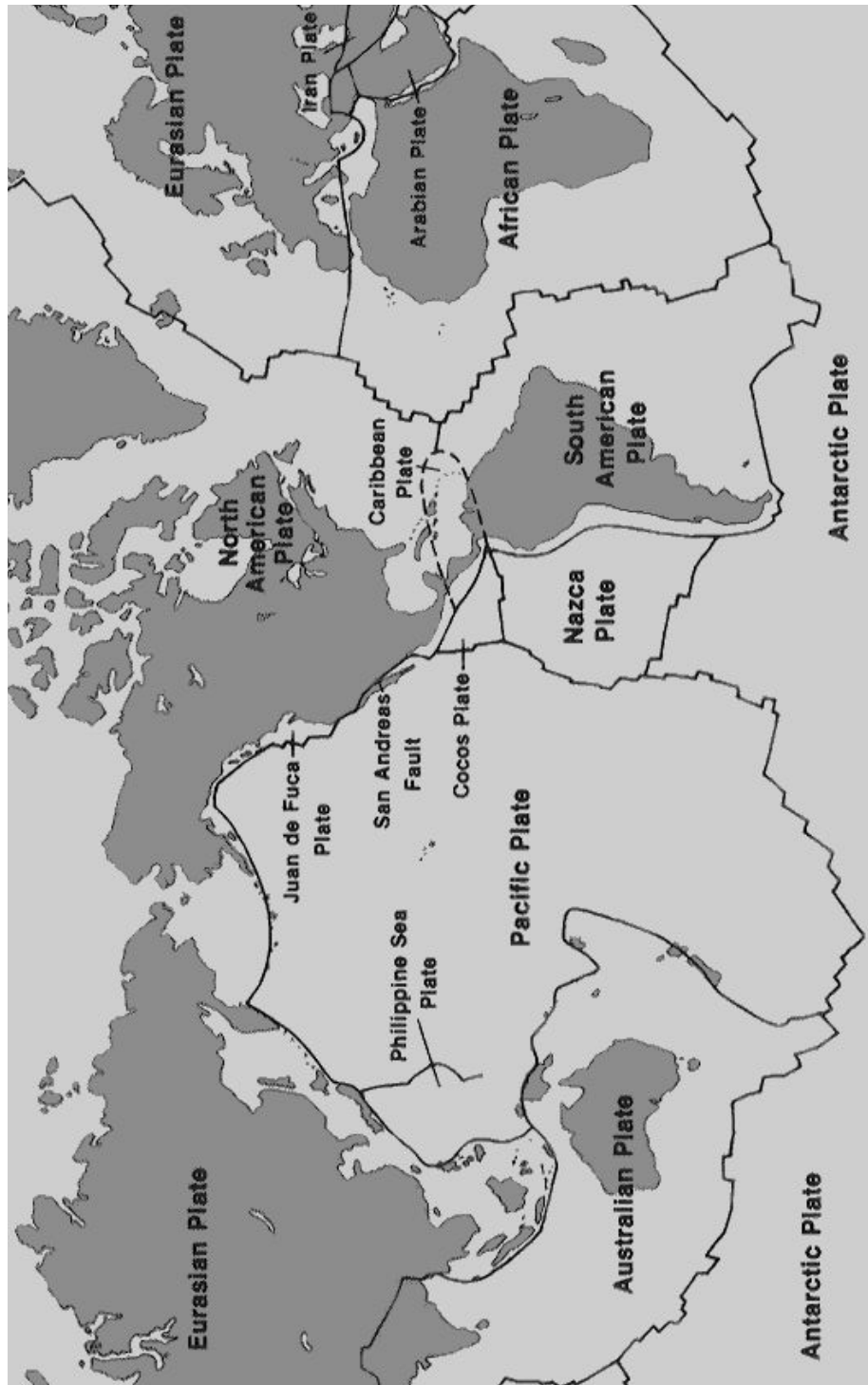


Image Credit: USGS



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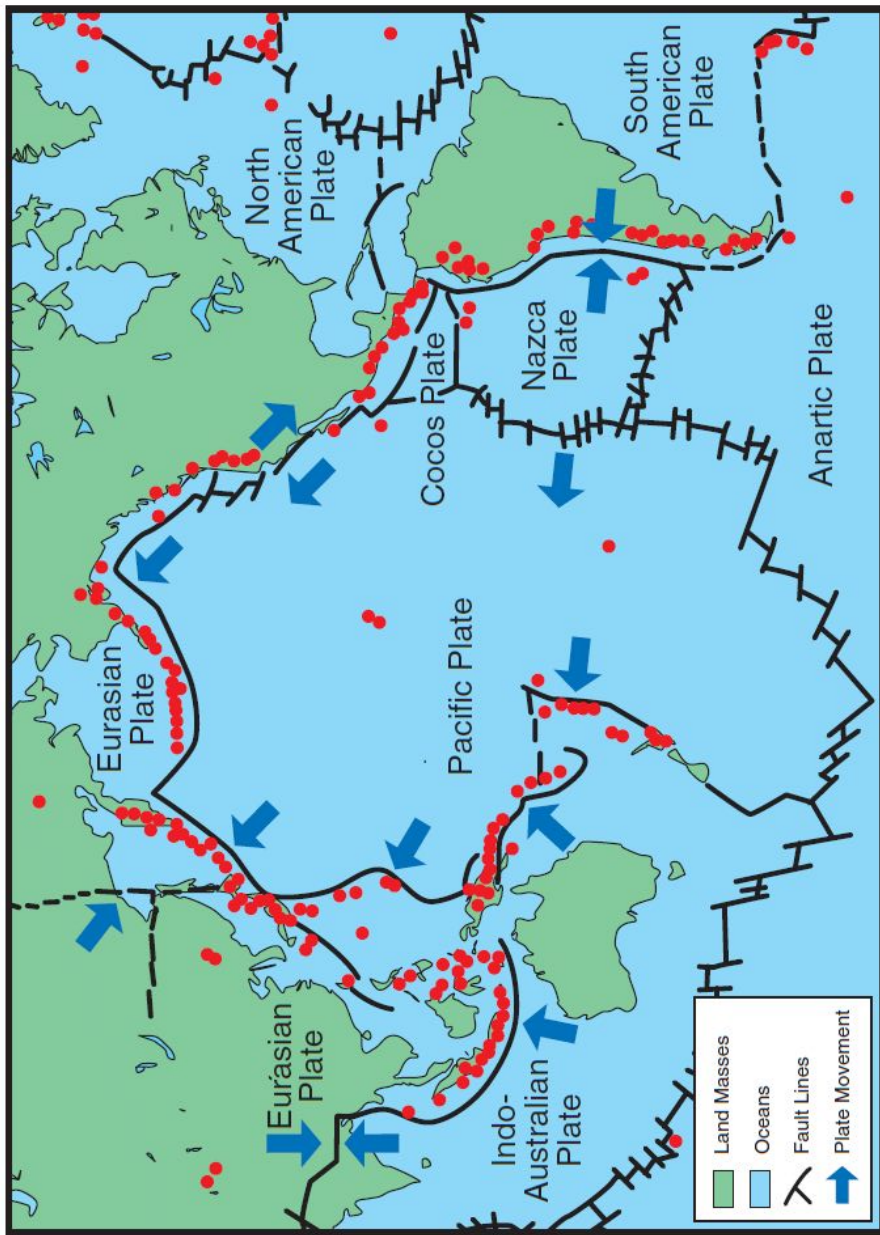


Plate Boundary Map with Locations of Volcanoes (Red Circles) - Image Credit: Astro-Venture Geology Educator Guide



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### Explain

1. What observations can you make about the relationship between plate boundaries and volcanoes?

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2. Why do you think most of the volcanoes occur at plate boundaries?

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3. Explain where volcanoes are occurring on this map and why they are occurring at these locations in terms of plates and their movement.

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Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

4. Do you see volcanoes on the map that are not at plate boundaries? If so, where are these volcanoes located?

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5. Where do volcanoes occur?

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