

Mapping the Ring of Fire (part 1)

- Using a **yellow** pencil on a map of the world make a prediction and shade the areas where you think the most earthquakes occur.
- Using an **orange** pencil on a map of the world make a prediction and shade the areas where you think the most volcanoes occur.
- Label each of the following in **brown**:
 - North America continent
 - South America continent
 - Australia continent
 - Asia continent
 - Pacific Ocean
 - Sea of Japan
 - Mt Rainier
 - Mt Fuji

- Outline and Label the following in **green**:
 - United States of America
 - Japan

Use the information in the data table on the next page to mark the location of each earthquake on the world map that follows the data table.

- Use a **blue** colored pencil to draw a circle at each earthquake location.
- Use a **purple** colored pencil to mark the locations of the volcanoes on the map with a triangle.

Earthquakes

Longitude	Latitude	Longitude	Latitude
120° W	40° N	125° E	23° N
110° E	5° S	30° E	35° N
77° W	4° S	140° E	35° N
88° E	23° N	12° E	46° N
121° E	14° S	75° E	28° N
34° E	7° N	150° W	61° N
74° W	44° N	68° W	47° S
70° W	30° S	175° E	41° S
10° E	45° N	121° E	17° N
85° W	13° N		

Volcanoes

Longitude	Latitude	Longitude	Latitude
150° W	60° N	37° E	3° S
70° W	35° S	145° E	40° N
120° W	45° N	120° E	10° S
61° W	15° N	14° E	41° N
105° W	20° N	105° E	5° S
75° W	0°	35° E	15° N
122° W	40° N	70° W	30° S
30° E	40° N	175° E	39° S
60° E	30° N	123° E	38° N
160° E	55° N		