

# **PLATE TECTONICS AND MOUNTAIN BUILDING**

## **STUDENT QUESTIONS:**

1. How do the huge tectonic plates move about on the surface of the earth?
2. What are the three ways that plates can interact with each other?
3. Where do most volcanoes and earthquakes occur on our earth? Why?
4. Explain how convergent boundaries form new magma and divergent boundaries form new crust.

5. How do fold mountains form? What do they look like? Give an example.

6. How do fault-block mountains form? What do they look like? Give an example.

7. How do dome mountains form? What do they look like? Give an example.

8. How do volcanic mountains form? What do they look like? Give an example.

9. Explain the phrase, "our earth's landscape is always changing".