

VOLCANOES!

Activity Sheet 2.1 Map B The Mountain Blows its Top

Map B: After the Eruption

The top of this drawing is a topographic map of Mount St. Helens after the May 18, 1980, eruption. **You will draw a profile view** at the bottom to see how the shape and elevation of the volcano changed after the eruption.

What to do

1. Find the contour lines on the topographic map. Trace your finger around the 2,000 meters contour line.
2. Draw a line between the letter "A" and the letter "B." This line cuts across the top of the volcano.
3. Starting from "A" trace across the line until you cross a contour line. At that point, draw a line down to the chart below until you find the same number. Put a •. Repeat until you get all the way across line A—B. We have done the first few for you.
4. Connect all the dots.
5. Has the shape of the volcano changed? How?

6. Find the highest point. How many meters high is the volcano?

7. Is the volcano higher or lower than before the eruption?

8. Find the crater. Is it bigger or smaller than before the eruption?

