[an error occurred while processing this directive]

Activities

Mount St. Helens, Before and After

Name: _____ Date: _____

On May 18, 1980, Mount St. Helens erupted. The violent explosion blew the top off the mountain. In this Planet Diary activity, you'll compare topographic maps before and after the eruption to discover how the mountain changed.

Directions

- See what Mount St. Helens looked like on May 17, 1980, a day before the eruption. Then click *here* (below the photo) to see what it looked like after the eruption. Answer Workspace question 1.
- Click *Return*. Scroll to section 2.4 for topographic maps of *Mount St. Helens* before and after the eruption. Use the maps and key to answer questions 2 through 5.
- Here's another topographic map of Mount St. Helens. Click the *Aerial Photo* tab to compare a photo of the same view. Answer the last question.

Workspace

1. Describe how the mountain changed as a result of the eruption.

2. What do the numbers on the map represent?

3. What is the contour interval of the maps? (Hint: Count how far apart the contour lines on the maps are.)

4. Estimate the mountain's highest elevation before and after the eruption.

5. What new volcanic feature appears where the summit once was?

6. Describe how the summit appears in the photo.

Copyright © Savvas Learning Company LLC. All Rights Reserved
Privacy Policy Terms of Use Rights and Permissions

Find us on Facebook Follow