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Activities

Krakatoa Explosion of 1883

Name: _____ Date: _____

In 1883, Indonesia's Krakatoa volcano exploded inside the remains of an ancient caldera. It was one of the most violent eruptions ever, with over 10,000 times the power of the atomic bomb in World War II. The explosion was so loud it was heard 3,000 kilometers (2,000 miles) away. You'll find out more in this Planet Diary activity.

Directions

- Go to Krakatoa. Look at the map of the volcano's location. Then read the description of the 1883 eruption. Use the information to answer Workspace questions 1-5 below.
- Read this Planet Diary report on an eruption of "baby" Anak Krakatau (Anak Krakatoa) volcano in 2008. Answer the last question.
- Get more details about the Krakatoa explosion here.

Workspace

1. Name the tectonic plates that meet in the region where Krakatoa exploded.

2. What is happening along the boundary of the plates in your answer to question 1?

3. What caused the explosion on August 27, 1883?

4. Describe the impact of the Krakatoa eruption.

5. What effect did the explosion have on global weather?

6. How did Anak Krakatau form?

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