

Name: _____

Date: _____ Period: _____

Movie Sheets

The Physical Setting: Earth Science

Movie Sheet: Krakatoa

Directions: As you watch the How the Earth Was Made Krakatoa, answer the following questions.

1. In the eruption of 1883, how far was the explosion of Krakatoa heard over Earth's surface?
2. How fast is Anak Krakatoa growing?
3. What type of beaches are common in active volcanic areas?
4. What type of volcano is Krakatoa?
5. Why could the gases trapped in the magma not escape?
6. How fast was the pyroclastic flow moving as it traveled across the Sumatra Strait?
7. What was picked up by the tsunami and caused the lighthouse to be destroyed?
8. How far was the Dutch steamship picked up and moved inland?
9. How many people were killed by the tsunami?
10. How big was the caldera created by the eruption?
11. Where have scientists found data on Krakatoa's past historic eruptions?
12. How many volcanoes are on Java?
13. What does Anak Krakatoa mean?
14. Scientists use a 1-5 scale for measuring the danger of a volcanoes. What is that scale at now?
15. How high are the remains of the pyroclastic flows?