

Colliding Continents Video Questions

Name: _____ Date: _____ Period: _____

1. What is the natural cycle that changes the surface of the Earth? (3:30)
2. How did the Earth, Sun and other planets form? (5:00)
3. Where did oceans come from? (7:00)
4. When did Earth have its earliest continental granite and where was it? (9:00)
5. What are tectonic plates. (12:00)
6. Who was Alfred Wegener and what did he propose? Why was his idea not accepted? (13:00)
7. What is thought to be the driving force of plate tectonics? (15:00)
8. What is happening in Iceland? (16:30)
9. How do volcanoes cause continents to split apart? (21:00)
10. What is subduction? (22:00)
11. What was Rodinia and Pangaea? (23:00)
12. How did the climate of Pangaea cause the Permian mass extinction? (26:00)

13. How do mountains like the Himalayas form? (27:00-30:00)

14. Why was the Grand Canyon created by plate tectonics? (33:00)

15. How were the Caribbean Islands built? (34:00)

16. What natural disasters are caused by plate tectonics? (37:00)

17. What will happen to the future earth? What will it look like in 100 million years? (39:00)

18. How might plate tectonics affect human civilizations in the future? (42:00)