

**☺ There is a list of terms at the end of this sheet to help you with spelling.**

1. The North American plate is going to eventually collide with the \_\_\_\_\_\_\_\_\_\_\_\_ plate.



1. \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the mightiest force on Earth.
2. **What is going to eventually happen to London England?** *Use the picture below to help.*



1. **Briefly explain how the first land masses or continents were formed on Earth back in the beginning when it was nothing but a hot liquid molten rock.** *Hint: Something about Lead, Nickel...etc*

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1. **How do some scientists explain how water came to exist on planet earth?**

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1. **What is a ?**

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1. **Why is special or relevant to continent building and plate tectonics?**

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1. **What do the continental plates sit on or move on? It lay between the crust and the core! \_\_\_\_\_\_\_\_\_**
2. **How far do the continental plates move each year? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



1. **In 1912, a German scientist proposed a radical new theory with regards to the continents. Briefly explain his theory and more importantly explain his justification or evidence.**

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1. Plate tectonics is driven by \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. **Explain what is happening in ICELAND in relation to plate tectonics.**

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1. There are over a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ continental plates.
2. **Draw what happens at a** subduction zone**. Explain what happens to old rock at such a zone with reference to your picture.**
3. **What is the name of the last and most recent supercontinent? \_\_\_\_\_\_\_\_\_\_\_\_\_**
4. **What is surprising about the top layer of the Grand Canyon?**

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1. **List three important things you learned in the last bit of the video clip**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
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**List of terms:**

* Alfred Wegener
* Eurasian Plate
* Mantle
* Pangea