**A1 Initial Assignment – Tectonics**

The tasks below should be printed out and handed in at your first lesson – put your name on it! (Both first and family names!)

**Earthquakes and levels of development.**

1. Go to <https://earthquake.usgs.gov/earthquakes/map/>
2. Change the settings to All Magnitudes – 30 Days
3. What do you notice about the distribution of the earthquakes?
4. Are there different patterns of earthquakes? For example, do some earthquakes seem to cluster on one side of a margin?
5. Write half a side explaining what you think is going on?
6. Do some research into two earthquakes, one that happened in a developed country and one in a less developed country.
7. Think about what you noticed are the characteristics of the impacts in each.
8. Why do more people die in less developed countries and more financial loss occurs in the more developed? Write 100 words explaining why this happens. Don’t forget to use examples and data to support your answer.
9. What can be done to prevent loss from earthquakes?
10. Write 100 words on a country that is really good at dealing with earthquakes. How do they do it?
11. What secondary hazards can earthquakes cause? (A secondary hazard is something that is triggered by the earthquake.) Come up with 3 secondary hazards and write 100 words explaining how it happens, don’t forget to use named examples.

Tasks are in Green