

**Describe** the **distribution (pattern)** of **earthquakes**.

**EBI:** Use named tectonic plates/regions/countries/types of plate boundary

**Tectonics: 2**

**Draw a cross section of the earth** showing its different layers. **Label it** using the following labels: Inner Core: Outer core; Mantle; Crust

Earthquakes have **primary** **effects** and **secondary effects**. What do these 2 terms mean?



In the table below **give 3 primary effects** and **3 secondary effects of an earthquake**. **Explain each one**

**EBI**: Give examples of where these have occurred

|  |  |
| --- | --- |
| **Primary Effect** | **Secondary Effect** |
|  |  |
|  |  |
|  |  |

Earthquakes occur at all 4 types of plate boundary but **the most severe earthquakes occur at which 2 types of plate boundary**?



**Reducing the impact of Earthquake: Protect, Plan, Predict**

* Give an example of each one.
* **Explain** how it reduces the impact of an Earthquake

**EBI:** Name 2 other ways you can Protect, Plan and Prepare for an earthquake.

|  |  |  |
| --- | --- | --- |
|  | **Example** | **How does it reduce the impact of an earthquake** |
| **Protect** |  |  |
| **Plan** |  |  |
| **Predict** |  |  |

**Draw** and **annotate** a **diagram to explain why tectonic plates move.**

**Key Terms**

What do the following key terms mean.

**Epicentre**:

**Focus**:

**Seismic Wave**:

**Magnitude**:

**Seismograph**:

**Mercalli Scale**:

The biggest earthquakes do not always cause the highest number of deaths.

**Name 4 factors that affect the number of deaths caused by an earthquake**?

**EBI**: Explain how they affect (impact) the number of deaths

|  |  |
| --- | --- |
| **Named Factor** | **How it impacts the number of deaths** |
|  |  |
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|  |  |