

## Geography Vision Map

### Year 4 – Volcanoes, earthquakes and tsunamis – around the world

#### **Crucial Knowledge**

- The Earth is made up of different layers.
- The Earth's layers (plates) fit together like a jigsaw.
- When the Earth's layers move together or apart it can create a bump (shock wave). This is called an earthquake.
- A tsunami is an earthquake under water so it causes huge waves.
- A volcano is a mountain or hill with a gap where very hot objects can move through. When this happens, it is called an eruption.
- A drought is a shortage of water for a long time.
- Extreme weather is weather changes when it is not expected.
- Some weather can be dangerous.

#### **Intent**

- Recap – Mountains and rivers (Year 3)
- Structure of the Earth
- Tectonic plates
- Earthquakes
- Tsunamis
- Location of volcanoes around the world
- Eruptions
- Positive and negative impact of eruptions on the environment
- Features and types of volcanoes
- Droughts
- Extreme weather: including tornadoes, hurricanes and storms

*Use of maps and digital satellite images.*