

Tectonic Hazards

- 1) What is a natural hazard? What different types of natural hazard are there? What factors affect the risk from a natural hazard?
- 2) What is the global distribution of earthquakes and volcanoes? Where do they occur? Identify patterns, continents, plate boundaries etc.
- 3) How do earthquakes and volcanoes occur at **constructive**, **destructive**, **conservative** and **collision** plate boundaries? Identify direction of plate movement and key features formed using a diagram for each.
- 4) How do the effects of an earthquake vary between two contrasting countries? How and why were the primary and secondary effects different in Nepal and Japan after earthquakes? Use facts and figures.
- 5) How were the responses to the earthquake different between two contrasting countries? How and why were the short and long term responses similar or different in Nepal and Japan? Use facts and figures.
- 6) Why do people live near volcanoes? Why do people live in earthquake zones?
- 7) How can you monitor and predict when an earthquake may occur? How can you monitor and predict when a volcano may erupt?
- 8) How can reduce the risks of earthquakes with planning, protection and building design in HICs and LICs. How do you reduce the risk of a volcanic eruption with planning and protection?