



Discovery Worksheets

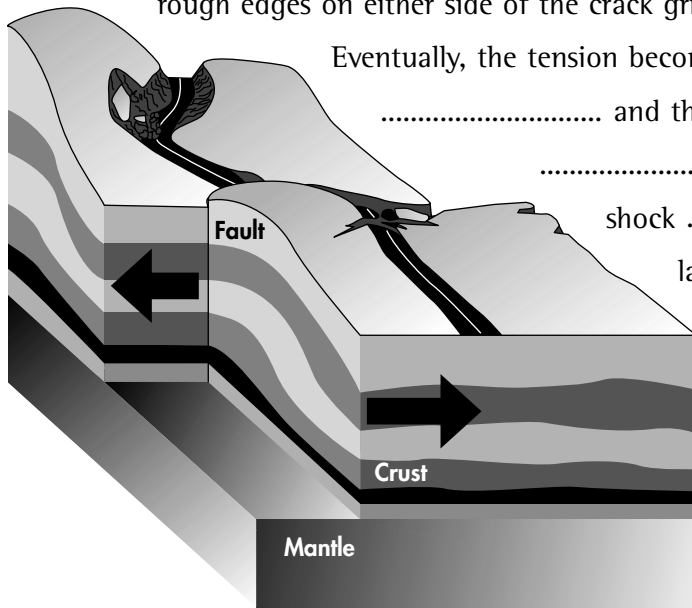
Natural hazard report

- Complete the following report entitled 'Inside an earthquake'. Use the diagram below and page 5 of the *Atlas of Discovery*. Select the appropriate words from the box that follows the extract.

Inside an earthquake

Earthquakes are caused by cracks in the Earth's outer crust known as The rough edges on either side of the crack grind past each other and become jammed.

Eventually, the tension becomes too much, the rocks and the crust edges jerk free causing an The ground as shock move through it. The largest earthquakes occur near the edges of the which make up the Earth's surface. In an earthquake hit in Japan, collapsing and freeways and killing people.



buildings	plates	1995	snap	earthquake
waves	5000	faults	shakes	Kobe

- Use the map on page 5 of the *Atlas of Discovery* to mark the following locations on a photocopy of the outline map of the world (www.jaonline.com.au/atlasofdiscovery/links/mapmasters.html). These are all places that have had major earthquakes. The year of each earthquake and the number of people killed are shown in brackets: Tangshan (1976, 650 000); Tokyo (1923, 140 000); Chimbote (1970, 67 000); Mexico City (1985, 10 000); Concepcion (1960, 5000); Kobe (1995, 5000); San Francisco (1989, 62); Los Angeles (1994, 57).
- Prepare your own 'Inside a volcano' report. Include a diagram and a map with your written information.



Atlas of Discovery, pp. 4–5;
www.jaonline.com.au/atlasofdiscovery/links/mapmasters