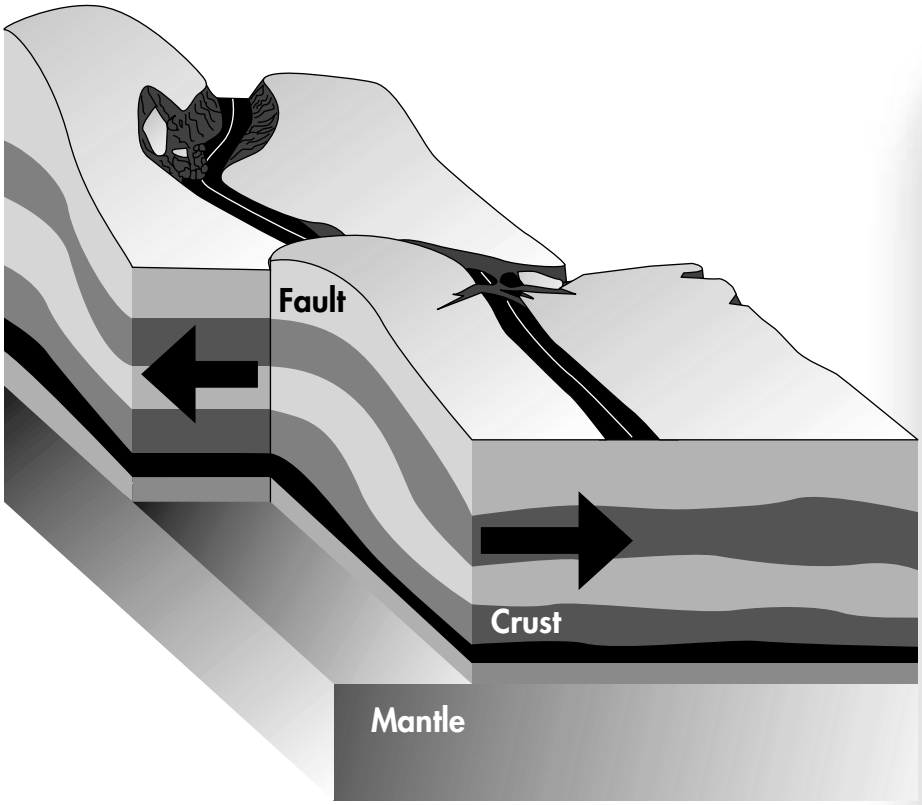
jacaranda Primary ATLAS

WORKSHEET 8.5

# Natural hazard report

**1** Read the following short report entitled 'Inside an earthquake'. Read page 81 of the *Jacaranda Primary Atlas Second Edition* and complete. Also refer to the diagram as you complete the report. 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 knows as _____. The rough edges on either side of the crack grind past each other and become jammed. Eventually, the tension becomes too great, 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 struck _____ in Japan, collapsing _____ and freeways and killing _____ people.

| | | | | |
|---|---|---|---|---|
| buildings | plates | 1995 | snap | earthquake |
| waves | 5000 | faults | shakes | Kobe |

**2** Use the index in the *Jacaranda Primary Atlas Second Edition* to mark the following locations on a photocopy of the map outline, World — Political. These are places that have experienced major earthquakes. The year of each earthquake and the number of people killed are shown in brackets: Tangshan (1976, at least 255 000, perhaps more than 600 000); Tokyo, Japan (1923, 140 000); Chimbote, Peru (1970, 63 000); Mexico City, Mexico (1985, 10 000); Concepcion, Chile (1960, 5000); Kobe, Japan (1995, 5000); San Francisco, USA (1989, 62); Los Angeles, USA (1994, 57).