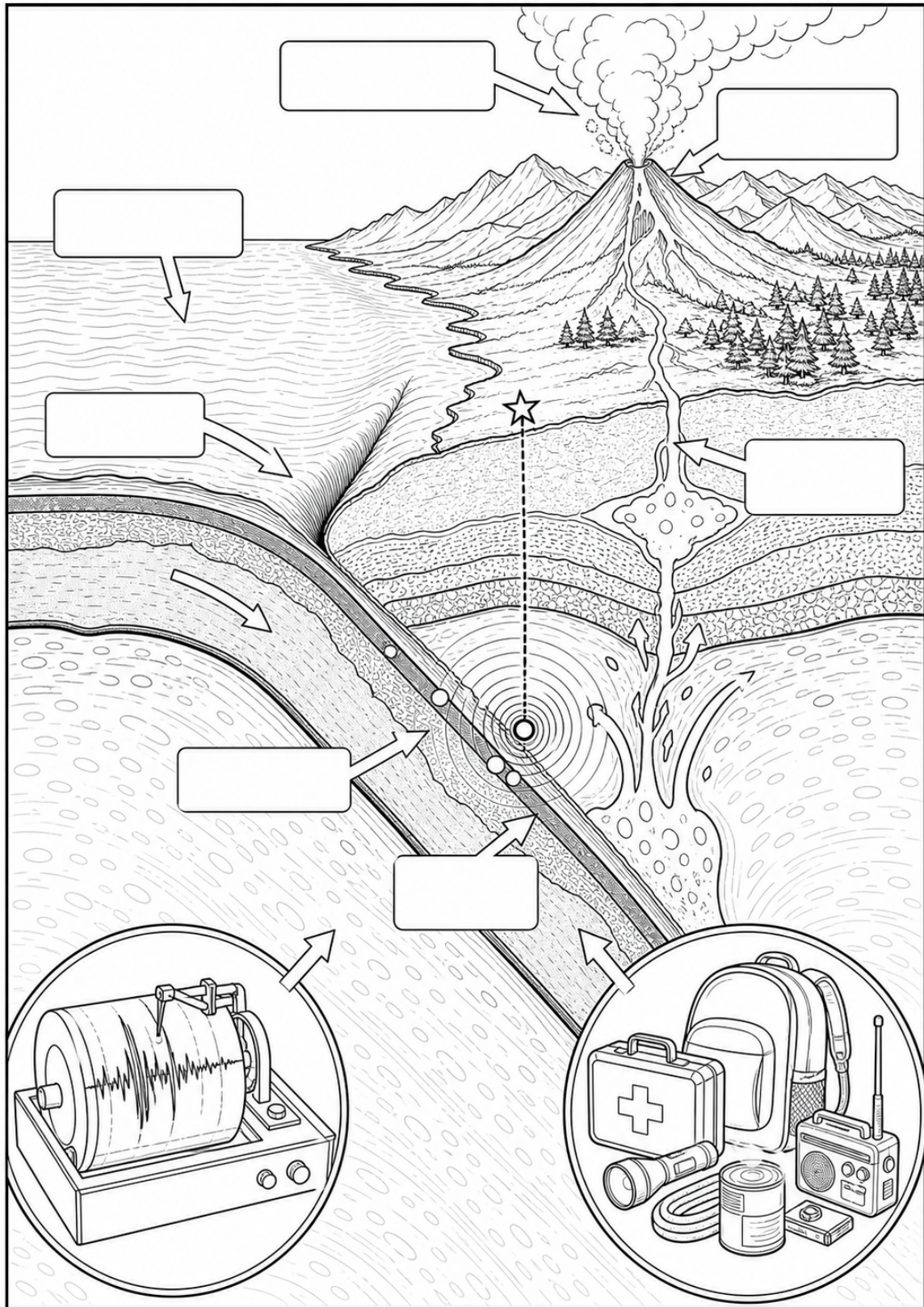


Tectonic Hazards: Subduction and Risk

KS3 / Year 8 - Geography

Label the oceanic plate, continental plate, trench, subduction zone, focus, epicentre, magma and volcano. Explain why earthquakes and volcanoes occur at this boundary.



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Parent & Teacher Guidance

Curriculum focus

Topic: Tectonic hazards. Develop accurate observation, subject vocabulary and evidence-based explanation. Mapped scope: KS3 Geography: understand plate tectonics, rocks, weathering and soils, and how physical processes influence hazards and landscapes..

Before you begin

Review the picture together and ask the learner what they already notice about Tectonic hazards. Read the activity aloud, explain unfamiliar vocabulary, and agree which details need special attention.

Solo activity

The learner can complete the colouring independently, then use the finished page to explain three details linked to Tectonic hazards. Encourage accurate colour choices where they carry meaning, but allow creative choices elsewhere.

Group activity

Give pairs or small groups different areas to inspect. Ask them to agree on evidence before colouring, compare their findings, and present one curriculum fact to the class. Finish with a whole-group check against the guidance below.

Questions to guide discussion

What evidence can you see? Which feature is most important and why? How does one part connect to another? What new fact about Tectonic hazards can you explain using the picture?

Answers and checking

The denser oceanic plate descends beneath the continental plate at a destructive margin. Friction and sudden movement release earthquake energy at the focus; the epicentre lies above it. Water-assisted melting contributes magma that can rise to volcanoes. Preparedness shown includes first aid, water, torch and radio.

Learning record and next steps

☐ Completed the colouring

☐ Explained key vocabulary

☐ Completed the activity

☐ Used visible evidence

Evidence noticed / vocabulary used

Next step:
