

# STAGE 4: TEACHER GUIDE



## Teacher guide to using these resources

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The focus of these resources and activities is the important biophysical processes, cycles and concepts linked to the formation and transformation of **Landscapes and landforms** and concepts related to **Water in the world**, the way water connects people and places and natural variations in availability of and access to water.

Use the resources and student activities:

- to check student knowledge and understanding of content covered on-line or in class. Students complete activities before or after examining Snapshots provided for each topic.
- as a topic introduction to cover key concepts and content focus
- to apply knowledge and understanding to a 'place' eg. Canada, Bow River, Warragamba, India
- for independent learning OR guided classroom use
- as a stimulus for further inquiry of a landscape or case study

### LANDSCAPES and LANDFORMS

- ✓ Snapshot 1: Geomorphic Processes
- ✓ Snapshot 2: Landscape diversity and change
- ✓ Snapshot 3: Meandering Rivers
- ✓ Snapshot 4: Earthquakes
- ✓ Virtual Fieldwork: NSW EZEC programs for Stage 4
- ✓ Canada 1: Major landforms, geomorphic processes and geomorphic hazards
- ✓ Canada 2: Unique landforms and geomorphic processes
- ✓ Canada 3: Landscape values and protection

### WATER IN THE WORLD

- ✓ Snapshot: Water cycle processes and connections
- ✓ Canada 4: Water resources and hazards
- ✓ Canada 5: The Bow River
- ✓ Stage 4 Skills Stimulus