

Overview of Learning

In the Stage 1 learning sequence students use inquiry skills and a variety of geographical tools to develop understanding of the features of places and the connections people have with places in the context of flooding in the Hawkesbury-Nepean Valley. At personal, local and regional scales, students investigate:

- the properties of rainwater and flooding,
- the features of places affected by flooding,
- the effects of flooding on access to places, and
- the ways in which the community should prepare for and respond to floods.

There are three learning sequences, each containing three or four teaching and learning activities that support Stage 1 geography syllabus outcomes.

Geography K-10 Syllabus Outcomes

- **GE1-1** describes features of places and the connections people have with places
- **GE1-3** communicates geographical information and uses geographical tools for inquiry

Summary of Teaching and Learning Activities

SEQUENCE	ACTIVITIES	INQUIRY QUESTIONS	GEOGRAPHICAL TOOLS
1. Rainwater and Floods	1.1 Big Fella Rain	<ul style="list-style-type: none"> ▪ What is a rainstorm? ▪ What happens during and after a rainstorm? 	Visual representations – picture books
	1.2 Rainwater at School	<ul style="list-style-type: none"> ▪ Where does rainwater go at school? 	Fieldwork – school grounds
	1.3 Full, Overflowing, Flooded	<ul style="list-style-type: none"> ▪ What is a flood? ▪ What causes flooding? 	Visual representations – 3D modelling, diagrams
	1.4 Know the Natural Signs	<ul style="list-style-type: none"> ▪ What natural signs warn us of flooding? 	Visual representations – images Worksheet 1 – image sequence
2. Effects of Flooding on People and Places	2.1 Elmer and the Flood	<ul style="list-style-type: none"> ▪ How does flooding change places? 	Visual representations – picture books, role play
	2.2 Impacts of Floods on People and Places	<ul style="list-style-type: none"> ▪ How does flooding affect places and people's connections to places? 	Spatial technologies – aerial photographs Worksheet 2 – consequences chart

SEQUENCE	ACTIVITIES	INQUIRY QUESTIONS	GEOGRAPHICAL TOOLS
	2.3 NSW State Emergency Service (NSW SES) and Floods	<ul style="list-style-type: none"> Who works with the community to prepare for flooding and during a flood? 	Visual representations – videos, drawings Worksheet 3 – placemat graphic organiser
3. Flooding and Our Community	3.1 Flood Risk in the Hawkesbury-Nepean Valley	<ul style="list-style-type: none"> Does it flood near us? What areas can be affected by flooding? 	Spatial technologies – online map with overlays
	3.2 Features of Floodplains	<ul style="list-style-type: none"> What is a floodplain? What are the features of floodplains? 	Visual representations – photograph
	3.3 Know How to Get Out	<ul style="list-style-type: none"> How will we know how to get out if a flood is predicted? 	Visual representations – info graphics, signage Maps – regional line map Worksheet 4 – pictorial map
	3.4 Protect What You Love	<ul style="list-style-type: none"> If you had to evacuate, what three things would you take? 	Visual representations – video, drawings