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

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<th>SEQUENCE</th>
<th>ACTIVITIES</th>
<th>INQUIRY QUESTIONS</th>
<th>GEOGRAPHICAL TOOLS</th>
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| 1. Rainwater and Floods | 1.1 Big Fella Rain | ▪ What is a rainstorm?  
▪ What happens during and after a rainstorm? | Visual representations – picture books |
| | 1.2 Rainwater at School | ▪ Where does rainwater go at school? | Fieldwork – school grounds |
| | 1.3 Full, Overflowing, Flooded | ▪ What is a flood?  
▪ What causes flooding? | Visual representations – 3D modelling, diagrams |
| | 1.4 Know the Natural Signs | ▪ 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 | ▪ How does flooding change places? | Visual representations – picture books, role play |
| | 2.2 Impacts of Floods on People and Places | ▪ How does flooding affect places and people’s connections to places? | Spatial technologies – aerial photographs  
Worksheet 2 – consequences chart |
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|          | 2.3 NSW State Emergency Service (NSW SES) and Floods | ▪ 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 | ▪ Does it flood near us?  
▪ What areas can be affected by flooding? | Spatial technologies – online map with overlays |
|          | 3.2 Features of Floodplains | ▪ What is a floodplain?  
▪ What are the features of floodplains? | Visual representations – photograph |
|          | 3.3 Know How to Get Out | ▪ 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 | ▪ If you had to evacuate, what three things would you take? | Visual representations – video, drawings |