# 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 | * 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 – imagesWorksheet 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 photographsWorksheet 2 – consequences chart |
|  | 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, drawingsWorksheet 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, signageMaps – regional line mapWorksheet 4 – pictorial map |
|  | 3.4 Protect What You Love | * If you had to evacuate, what three things would you take?
 | Visual representations – video, drawings |