

Building Resilience

Focus: This resource develops students' critical literacy, problem solving and analysis skills. The task considers the impacts of hazards on communities and the management of hazards.

Inquiry Questions:

- What is the spatial distribution, cause and impact of a disaster?
- What are the responses of individuals, groups and government to the impact of a disaster?
- How do management strategies have an impact on similar hazard events in the future?

Task: What makes a true resilient hero? Is it the person who takes risks, battles the odds, maybe even gets hurt trying to deal with a natural disaster? Or is it the one who is prepared and has a plan, who leaves early, keeps their family and friends safe and helps their community to reconnect and rebuild?

Your challenge is to create a compelling narrative of a true resilient hero based on your research and understanding of how communities respond to natural disasters. Collect information on how to prepare for a flood event in the Hawkesbury-Nepean Valley. Refer to the NSW State Emergency Service Hawkesbury-Nepean Flood page and other sources to gather information.



<https://www.ses.nsw.gov.au/disaster-tabs-header/flood/>

Research the risk of flood events in the Hawkesbury-Nepean Valley.

Use the scaffold below to help you.

Key Inquiry Question and Data Source	Main ideas or information	Reliability of the information 1= Useless, 3= Useful, 5= Extremely Useful and Relevant
Inquiry Question: What are the risks of flooding in the Hawkesbury-Nepean Valley? Data Source: https://www.ses.nsw.gov.au/hawkesbury-nepean-floods		
Inquiry Question: How should I respond in a flood event? Data Source: https://www.ses.nsw.gov.au/media/3174/know-how-to-get-out-fact-sheet.pdf		
Inquiry Question: How can I plan for a flood event and become more resilient? Data Source: http://www.seshomeemergencyplan.com.au/index.php		

Watch the short film “*Protect what you love #3things*” from the NSW SES



<https://www.ses.nsw.gov.au/get-involved/protect-what-you-love-3things/>

Brainstorm your ideas below for the narrative the “The True Resilient Hero”:



Circle or highlight the attributes and skills of your true resilient hero below:



Knowing and understanding geographical terms and concepts can help your hero make the best choices.

Term/concept	Meaning
Natural Hazard	When the forces of nature combine to become destructive and have potential to damage the environment and endanger communities eg bushfires, tropical cyclones, floods, earthquakes.
Population Density	The number of people in an area of land usually expressed as a number per square kilometre.
Urban Concentration	The proportion of a country or region's population living in urban areas.
East Coast Lows	East Coast Lows are intense low-pressure systems that occur off the eastern coast of Australia, in particular southeast Queensland, New South Wales, far eastern Victoria, and sometimes Tasmania. Although they can occur at any time of the year, they are more common during late autumn and winter with a maximum frequency in June.
Evacuation	To leave an area.
Flood	Overflow of water into land areas that are normally dry.
Resilience	The capacity to recover from difficulties.

Use the storyboard below to plan your narrative about how the “True Resilient Hero” plans for and responds to a major flood event in the Hawkesbury-Nepean Valley.

You may choose to use the opening line below....

"I know that the Hawkesbury-Nepean Valley has some of the most dangerous floods in the Australia."

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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**Use your storyboard and narrative to create a short film, clip or animation.
These sites are available to help you:**

<https://learning.goanimate.com/is-now-vyond/>

<https://scratch.mit.edu/>