

Year 5 Floods, Storms and Bushfires

Lesson 3

<p>Introduction</p>	<p>Floods, Storms and Bushfires – A Cross-Curricular Unit of Work</p> <p>In the previous lesson, we looked at how we can protect areas from floods, storms and bushfires, and what help is available if we are impacted by one of these disasters.</p> <p>In this lesson, we will investigate how to stay safe in a flood, and we will create a spreadsheet with data on bushfires, floods and storms in our local state.</p> <p>WALT – identify how to stay safe in a flood, and how to create a spreadsheet with data on bushfires, floods and storms in your state.</p> <p>WILF – research skills, working with a partner, sharing viewpoints and contributing to class discussions, mapping skills and spreadsheet skills.</p> <p>TIB- Natural disasters can impact us, and we need to know what to do in case of an emergency.</p>
<p>Warm Up/Main lesson (10 mins)</p>	<ol style="list-style-type: none"> 1. Ask students if they know what types of floods exist (riverine flooding, flash flooding, dam failure, storm surge). Hand out Worksheet 6: Types of Flooding, and select individual students to read sections to the class for clarification. 2. Ask students what they would do if they were caught in a flood. 3. List these on the board. 4. Next, hand out Worksheet 5: Acrostic Poem, to table groups. Ask students to write a list of actions they could take, in order to stay safe in the event of a flood. (NB: Page 2 of the Worksheet provides an exemplar.)
<p>Main lesson (40 mins)</p>	<ol style="list-style-type: none"> 1. Ask table groups to share their work and display in classroom. 2. Ask students how many floods, storms and bushfires they think there have been in the state of Queensland. 3. Write their answers on the board. 4. Hand out Worksheet 7: Natural Disaster Map, and ask them to research any floods, storms and bushfires there have been in Queensland. Students will locate where these were and mark this on their maps. 5. Students then need to present this information as a spreadsheet (using Excel), making comparisons to determine which natural disaster occurs most often.
<p>Review (10 mins)</p>	<p>Choose students to share their work. Collect work and correct. Take anecdotal records on student participation and knowledge.</p>
<p>Differentiation</p>	<p>Work with a partner. Teacher assistance. Compare Queensland’s floods, storms and fires to other states.</p>
<p>Resources</p>	<p>Worksheet 5: Acrostic Poem Worksheet 6: Types of Flooding Worksheet 7: Natural Disaster Map Computers, laptops, iPads. Atlas Student books Books on natural disasters in Australia.</p>

<p>ACARA Content Descriptions</p>	<p>Humanities and Social Sciences</p> <p>The impact of bushfires or floods on environments and communities, and how people can respond (ACHASSK114)</p> <p>Locate and collect relevant information and data from primary and secondary sources (ACHASSI095, ACHASSI123)</p> <p>Evaluate evidence to draw conclusions (ACHASSI101, ACHASSI129)</p> <p>Acquire, store and validate different types of data, and use a range of software to interpret and visualise data to create information (ACTDIP016)</p> <p>Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without the use of digital technologies (ACMSP119)</p>
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