

Geography Alive: Stage 1 Geography (Topic 1: Features of Places)

Lesson 7: Natural hazards caused by weather		
<p>Content focus:</p> <p>In this lesson, students focus on weather related natural hazards. They have the opportunity to undertake a structured research activity and have the opportunity to present their findings in either a written or oral form.</p>		<p>Resources:</p> <ul style="list-style-type: none"> • Resource Sheet 1: Natural hazards caused by weather
<p>Key inquiry questions:</p> <ul style="list-style-type: none"> • What are the weather-based natural hazards? • What are the causes of weather-based natural hazards? • What are the impacts of these hazards on places and people? • In what ways can the impacts of the hazard on people and places be managed? 	<p>Outcomes:</p> <p><i>A student:</i></p> <ul style="list-style-type: none"> • demonstrates a sound knowledge of a selected weather-based disaster • collects geographical information from a variety of relevant sources • presents findings in an appropriate communication form. 	<p>Lesson sequence:</p> <ul style="list-style-type: none"> • Step 1: Introduce the students to the concepts of natural hazards and natural disasters. <ul style="list-style-type: none"> Natural hazard: Extreme and unusual natural events Natural disaster: A natural hazard that affects people • Step 2: With the aid of Resource Sheet 1, introduce students to the natural hazards associated with weather – floods, heatwaves, droughts, dust storms, severe storms, cyclones, tornadoes, avalanches and bushfires. Which of these hazards are most closely associated with precipitation? Which result from a lack of rainfall? Which hazards are associated with strong winds? Which of these hazards could affect the place in which you live? • Step 3: Research task. Students are required to undertake research into one of the natural hazards affecting Australia. They can use the following dot points to structure their research: <ul style="list-style-type: none"> • Explain what is meant by a natural hazard • Identify the main weather related natural hazards affecting Australia <p>Select one of these hazards for additional study</p> <ul style="list-style-type: none"> • Describe the nature of the hazard, its causes and the parts of Australia most affected • Outline the impacts of the selected natural hazard • Describe the actions people can take to protect themselves from the effects of the selected hazard • Step 4: Students are asked to present their research findings as either a written report or an oral presentation. Ask them to include any relevant photographs, maps or illustrations.