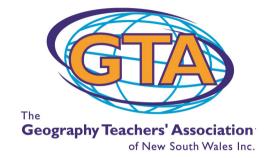
Geography Alive (GTA Conference 2018)

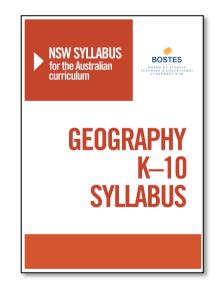
Dr Grant Kleeman

GTA NSW

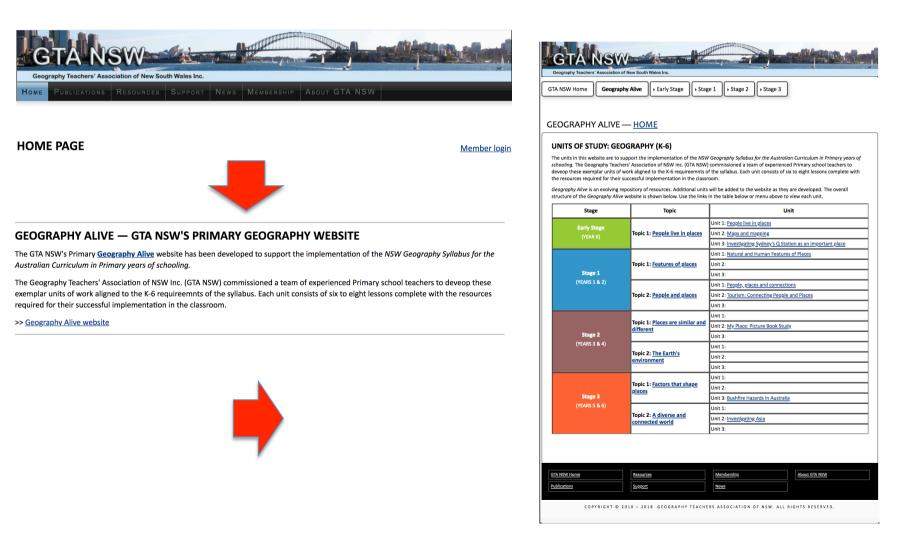
Geography Alive

- A free resource developed by teachers for teachers
- Supporting the implementation of Geography Years F–6
- Funded by the Geography Teachers Association of NSW (GTA)
- An evolving resource fully resourced exemplar units of work. More units to be added over time





Navigating the website



Geography Alive: Early Stage 1

Content focus:		Geographical concepts:					
	ng after places. Students	• Space: the significance of location and location of a place in relation to other f	amiliar places. wironment in human life, and the important inte	ie in and belong to and why they are important. Ind manage the spaces that we live in. For example: rrelationships between humans and the environment. For			
Key inquiry questions:	Outcomes:	Inquiry skills:	Geographical tools:	Content:			
 What are places like? What makes a place special? How can we look after the places we live in? 	 A student: identifies places and develops an understanding of the importance of places to people communicates geographical information and uses geographical tools 	 Acquiring geographical information pose questions and make observations record geographical data and information Processing geographical information represent data using charts or graphs draw conclusions based on discussions of observations Communicating geographical information present information reflect on their learning 	Maps pictorial maps Fieldwork observing and recording data Graphs and statistics tally charts, pictographs Spatial technologies virtual maps Visual representations photographs, illustrations, story books, multimedia 	Important places Students investigate the importance of places they live in and belong to. Aboriginal and Torres Strait Islander places Students investigate the Countries/Places importan to Aboriginal or Torres Strait Islander Peoples. Locating places Students investigate how the location of places can be represented.			
Units of Work: Unit 1: <u>People Live in Places</u> Unit 2: <u>Maps and Mapping</u> Unit 3: <u>Investigating Sydney's</u>	Q Station As An Important Place						

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Available units:

Early Stage 1

Topic: People live in places

Unit 1: People live in places Unit 2: Maps and mapping Unit 3: Investigating Sydney's Q Station as an important place

Stage 1

Topic 1: Features or places

Unit 1: Natural and human features of places

Unit 2: Weather (coming soon)

Topic 2: People and places

Unit 1: People, places and connections Unit 2: Tourism: Connecting people and places

Stage 2

Topic :1 Places are similar and different

Unit 1: My Place: Picture book study

Topic 2: The Earth's environment

Unit 1: Earth's environments (coming soon)

Stage 3

Topic 1: Factors that shape places

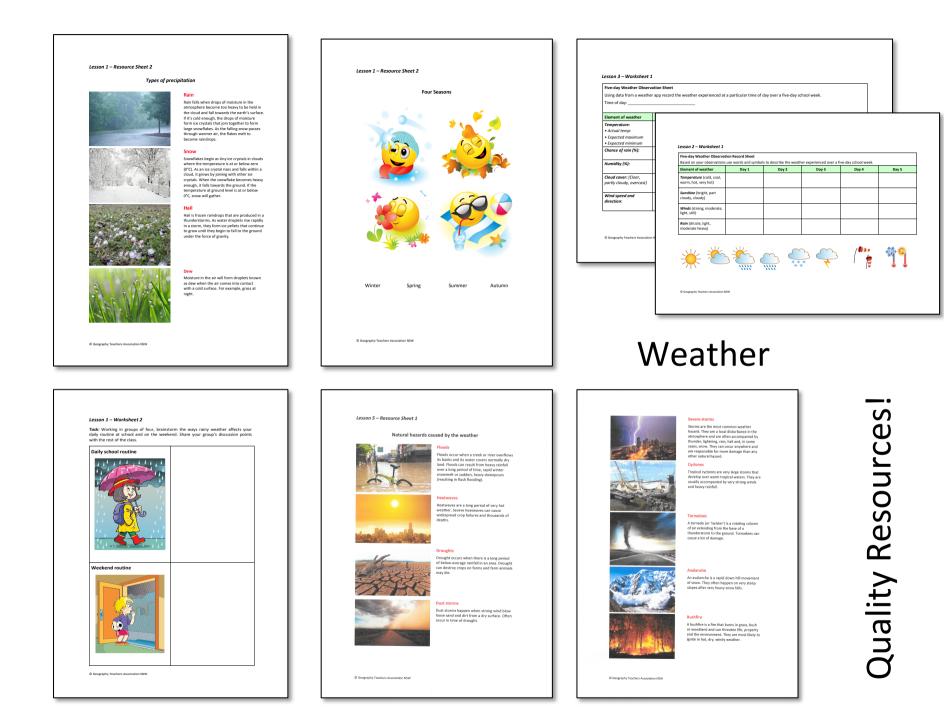
Unit 3: Bushfire hazards in Australia

Topic 2: A diverse and connected world

Unit 2: Investigating Asia

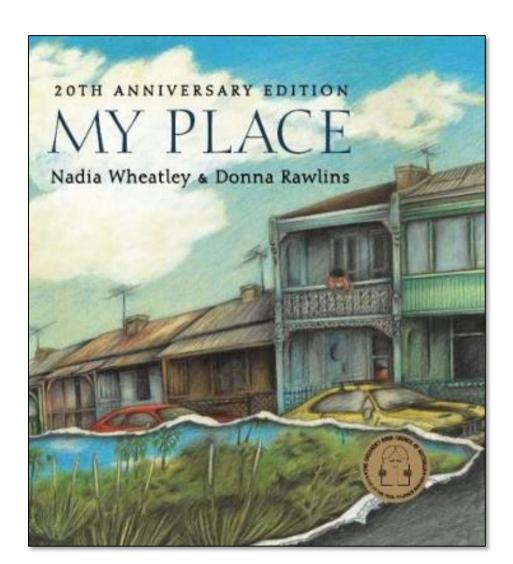
Elements of each unit:

- Unit cover page
- Individual lesson plans with step-by-step instructions
- Resource sheets
- Student worksheets
- PPT's featuring maps and illustrative material
- High quality maps, illustrations and photographs



Example Unit 1

My Place: A picture book-based unit of work for Stage 2 (Topic 1: Places are similar and different)



STAGE 2 (YEARS 3 & 4): TOPIC 1: PLACES ARE SIMILAR AND DIFFERENT

UNIT 2: MY PLACE: PICTURE BOOK STUDY

>> Unit 2 lessons

>> Unit 2 lessons			
Content focus: In this unit students examine the nature features of an Australian community th study of an award winning picture book They explore the changing land uses, se patterns and demographic characterist and use this information to imagine with like to live in that place. Students have to reflect on how people's perceptions determine the nature of their interactic environment with particular attention a protection of places.	rough the , <i>All</i> Place. Students live in , <i>Space</i> : the significance people organise and m location of a place in the opportunity of places smooth the statached to isolation. For example	of places and what they are like. For example: and belong to and why they are important. e of location and spatial distribution, and ways nanage the spaces that we live in. For example: elation to other familiar places. ifficance of the environment in human life, and the nships between humans and the environment. For y phases should be looked after. bject of geographical study can be viewed in to cal and global links people have with places and a boring shard Torres Strati slasher Peoples	
Syllabus content area:			
Similarities and differences between p Students investigate the changing set patterns and demographic character and the lives of the people who live Perception and protection of places Students investigate how the protection people's perception of places. Descripti why people perceive places differently	ttlement istics of places there n of places by		
 Key inquiry questions: How do the places change over tim How and why do people observe p differently? How do peoples' perception of plan the protection of places. Note: This unit provides schools with a to develop and implement an integrate incorporating studies in Geography, His English (literacy). 	laces ces influence n opportunity d unit		
Outcomes:	Inquiry skills:	Geographical tools: Maps	
A student: • examines features and characteristics of places and environments • describes the ways people, places and environments interact • examines differing perceptions about the management of places and environments • acquires and communicates geographical information using geographical tools for inquiry.	Acquiring geographical information o pose geographical questions collect and record geographical data an information by observing and using visu representations Processing geographical information represent data by constructing mental maps draw conclusions based on interpretatic of geographical information sorted into categories Communicating geographically resent findings in a range of communication forms reflect on their learning and suggest responses to their findings	mental (sketch) maps Visual representations story book-based illustrations and maps	
>> Download My Place: Picture book stu	dy cover sheet>>		
LESSON'S AND WORKSHE lesson 1: My Place: A picture book strut Lesson 2: My Place: Picture book analy Lesson 3: My Place: Indusing maps Lesson 4: My Place: Writing and drawir Lesson 5: My Place: Land use ghange; Lesson 6: My Place's Indigenous herita Lesson 7: My Place's Indigenous herita Lesson 8: My Place: Protecting places b	dy sis oral <u>presentations</u> :: Resource Sheet 1 :: W Ing task ngg :: Worksheet 1 Worksheet 1 BE	Vorksheet 1 :: Worksheet 2	

'My Place' Unit Cover Page

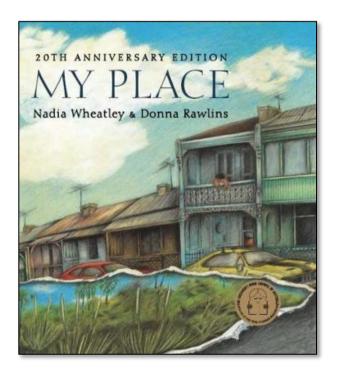
In this unit students examine the natural and human features of an Australian community through the study of an award winning picture book, My Place. They explore the changing land uses, settlement patterns and demographic characteristics of a place and use this information to imagine what it would be like to live in that place. Students have the opportunity to reflect on how people's perceptions Links of places determine the nature of their interactions with the environment with particular attention attached to protection of places.

LESSONS AND WORKSHEETS:

- Lesson 1: <u>My Place: A picture book study</u>
- Lesson 2: <u>My Place: Picture book analysis oral presentations</u> :: <u>Resource Sheet 1</u> :: <u>Worksheet 1</u> :: <u>Worksheet 1</u> :: <u>Worksheet 1</u>
- Lesson 3: <u>My Place: Analysing maps</u>
- Lesson 4: My Place: Writing and drawing task
- Lesson 5: <u>My Place: Environmental change</u> :: <u>Worksheet 1</u>
- Lesson 6: <u>My Place: Land use change</u> :: <u>Worksheet 1</u>
- Lesson 7: <u>My Place's Indigenous heritage</u>
- Lesson 8: My Place: Protecting places hypothetical :: Resource Sheet 1

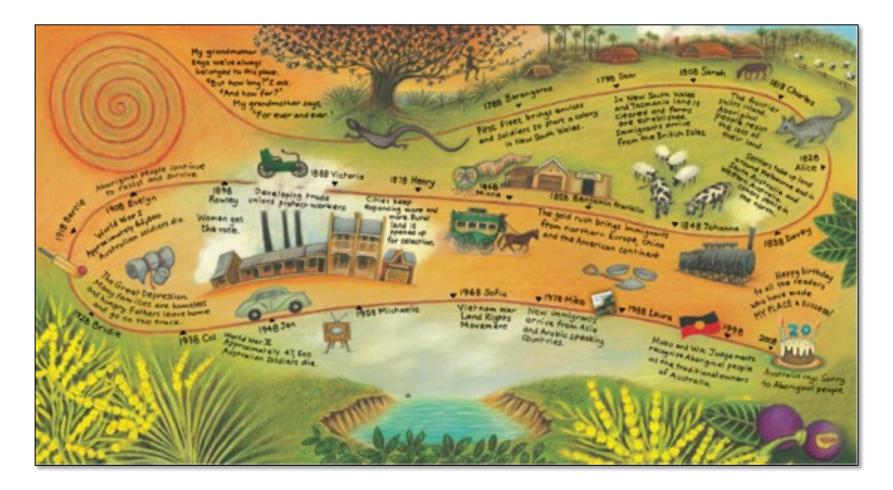
Lesson 1: My Place: A Picture Book Study

In this lesson students have an opportunity to consolidate their developing appreciation of the key geographical concepts of place, change, connections and environment. They do this by engaging with Nadia Wheatley and Donna Rawlins' picture book, *My Place*. Students focus on the history of one particular piece of land in Sydney from 1788 to 1988 through the stories of the various children who have lived there. Issues addressed in the story include environmental change, land use, settlement patterns, multiculturalism and Indigenous concepts of country.



Step 1: Read the book *My Place* to the class explaining the concept of place and its importance to people. Point out that places undergo change and that there are elements of places worth protecting.

Step 2: Draw the students' attention to the front cover of the book. Questions to ask: What is the connection between the title of the book (*My Place*) and the front cover artwork? What is the significance of the tear across the bottom of the cover? What is revealed underneath? What does it symbolise?



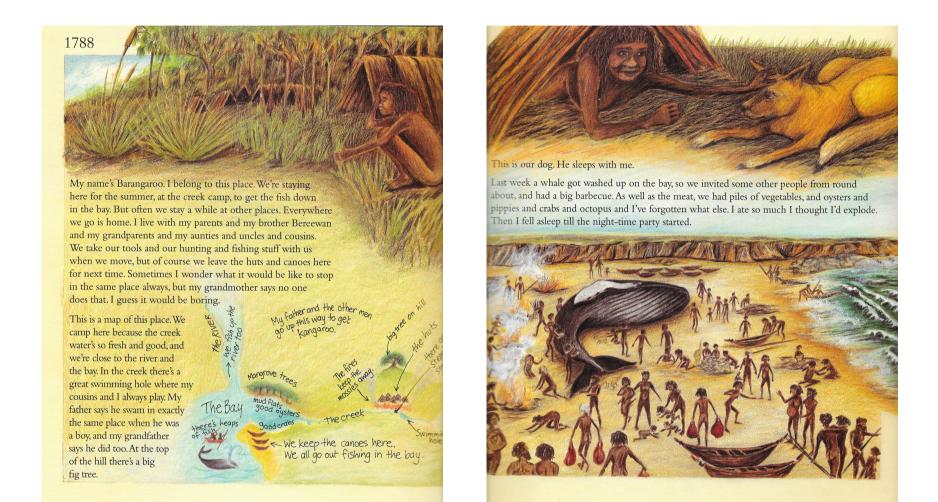
Step 3: Have the students turn to the timeline presented on the opening pages of the book. Questions to ask: What is the significance of the spiral in the top left-hand-corner? What does it symbolise? What events are listed on the timeline? Which of these relate to Australia's involvement in armed conflicts? Which events are of significance to Aboriginal people?

This is a map of my place. At the top of the street there is the biggest fig tree you've ever seen! Whenever I climb up and sit in it, I always feel really good. There's a canal down the bottom of the street, and Mum savs it must have been a creek once. It's too dirty to swim in, but Tony made me a tin canoe and now some of the other kids are OLD FACTORIES AND STUF making them too. For my birthday, Mum said we could have If you tip over and go in, the a picnic. We went and sat down under the tree, and it water tastes vucky felt just like home. and your parents go wild. My name's Laura and this is my place. I turned ten last week. Our house is the one with the flag on the window. Tony says it shows we're on Aboriginal land, but I think it means the colour of the earth, back home. This is me and Gully. I have Mum and Dad live here too, and Terry and Lorraine, to keep her on a lead because and Auntie Bey, and Tony and Diane and their baby she chases cars. She comes from Dean. He's my nephew and he's so cute! We come Bourke too. I guess she thinks from Bourke, but Dad thought there'd be more jobs they're sheep.

988

in the city.

Step 4: Have students turn to the first double-page spread (1988). What are the key elements of each double-page spread? – the narrative text, the illustrations and a map. Make a list of the subject matter covered in text-based element of the double-page spread – the name and the age of the principal character, their place of origin, their animals and pet/s, and a reference to the 'big (fig) tree'. The illustrations provide an insight into the dress, customs and family life of the eras traversed in the story.



Step 5: Point out to students that the story progresses from relatively recent times (1988) to Australia's Aboriginal past (pre-1788). What is the significance of this approach?

Lesson 2 – Resource Sheet 1

Allocate one of the following characters to a student in the class:

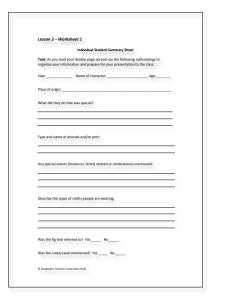
Year	Character	Student's name
1988	Laura	
1978	Mike	
1968	Sofia	
1958	Michaelis	
1948	Jen	
1938	Col	
1928	Bridie	
1918	Berti (Champ)	
1908	Evelyn	
1898	Rowley	
1888	Victoria	
1878	Heinrich	
1868	Minna	
1858	Benjamin	
1848	Johanna	
1838	Davey	
1828	Alice	
1818	Charles	
1808	Sarah	
1798	Sam	
1788	Barangaroo	

Lesson 2: My Place: Oral Presentation

In this lesson students have the opportunity to focus on one of the time-specific children's stories featured *My Place*. They analyse the elements of the double-page spread – narrative, artworks and map – and prepare a short oral presentation to communicate their findings to the class.

Step 1: Re-read the book *My Place* to the class. Ask the students to follow the story as you read it.

Step 2: Allocate one of the principal characters in *My Place* to each of the students in the class*. If you have more than 21 students allocate one of the secondary characters to the additional children. Use teacher **Resource Sheet 1** to record the names of students.

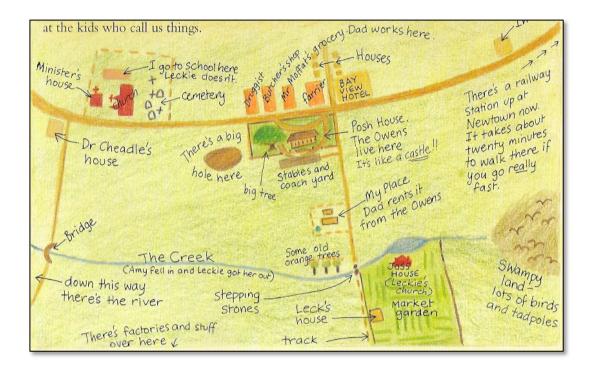


ask: As	each of your clas	t 2 ssmates pr	esents their o	My Place: Story Sun		sented in the table below	v.
Year	Character	Age	Origins	Type of animal/pet	Special events	Fig tree mentioned (yes/no)	Creek/canal mentioned (yes/n
1988	Laura						
1978	Mike						
1968	Sofia						
1958	Michaelis						
1948	Jen						
1938	Col						
1928	Bridie						
1918	Berti (Champ)						
1908	Evelyn						
1898	Rowley						
1888	Victoria						
1878	Heinrich						

Step 3: Ask students to study the time-specific story allocated to them. As the students examine the elements of the double-page spread – the narrative, artworks and map – have them summarise their observations on **Worksheet 1**.

Step 4: Students are asked to use the information recorded on **Worksheet 1** to prepare a short oral presentation which they will subsequently use to introduce the class to the characters and setting of the time-specific, double-page spread they were allocated.

Step 5: Students take turns to present their oral reports. This should be undertaken in the order of the double-page spreads in the book– i.e. working from 1988 back to 1788. As students listen to the reports they record key pieces of information on **Worksheet 2**.



Lesson 3: My Place: Analysing maps

In this lesson students focus on the map-based elements of My Place. They identify the role of the maps in the context of the story and how they reveal change over time. They also consider how maps, such as those featured in *My Place*, provide an important insight into a person's view of their surroundings. They also focus on how transport technologies change over time and identify those features that remain a constant over the timespan covered by the story.

- Step 1: Refer students to one of the double-page spreads in *My Place*. Make the point that an important element of the spread is the map the author and illustrator have included. The maps feature a lot of information about the world as experienced by the characters in each part of the story. Note that maps, as used in the story, provide the reader with a range of information. They offer an insight into what the principal character considers important in the place in which they live; they reveal the changes taking place in the neighbourhood over time including land uses; and they provide an important insight into the changes taking place in the natural environment.
- Step 2: Discuss the role of maps in geography. Note that geographers use maps to find out information about places (including its location) and to identify patterns and changes in the landscape. Point out that the maps in *My Place* show the changes taking place in a specific area over 200 years (1788 to 1988).

- **Step 3:** Make the point that the maps included in *My Place* are called 'mental maps'. Mental maps are the maps people draw using the knowledge they have about a place. They are a person's point-of-view (perspective) of an area. They are sketch maps and are not drawn to scale. Students will have an opportunity to draw their own mental maps in the next lesson.
- **Step 4:** Ask students familiarise themselves with the maps in *My Place*. As they work through *My Place* students are asked to locate the following features on each of the maps: 'home' or 'my place'; the 'big fig/tree'; and the 'creek' and/or 'canal'. Note that these are constants in a changing neighbourhood.

Lesson 4: My Place: Writing and drawing task

This lesson students again focus on the map-based elements of *My Place*. In doing so, they have the opportunity to draw a mental map of their own neighbourhood and then incorporate it in a story modelled on those featured in *My Place*.

Step 1: Revisit the focus of the previous lesson by again drawing the students' attention to the way maps are used in *My Place*.

Step 2: Using an A3 piece of paper and coloured pencils (and/or paints) ask students to draw (paint) a map of their own neighbourhood. They are asked to include only the features that are important to them – For example, their home, local shops, church, school, parks, landmarks, sports fields, where their friends live etc. Students need not worry about scale and are encouraged to use symbols, shading and colour.

Step 3: Students use their map as the centrepiece of personal story modelled on those in *My Place*. They should include reference to the following elements in their writing: their name, age, family members, the origin/s of their family, the name and type of any pet/s, and any special events or celebrations they have participated in recently. Encourage students to add a few sentences to the their map and story describing how they feel about their place. Students are also encouraged to add drawings/photographs of their family, favourite pet and a picture of their house. The drawings could also be used to communicate the types of clothing people wear and the modes of transport used.

Step 3: Ask, at random, a cross-section of the class to present their story and map.

Step 4: Display students' completed works on the walls of the classroom.

Additional task: Ask the students to think about how a double-page spread, similar to those featured in *My Place*, would look like if written by a young person living in your place in the 2050s.

Geography Alive: Stage 2 Geography (Topic 1; Unit 2)

Lesson 5: My Place: Envir	onmental change	
Content focus: In this lesson students focus on particular interest is how the act transformed the natural environ of these changes with a particul in the creek/canal. Also address tree' in the life of those living in	tivities of people have ment of the area and the nature ar focus on air and water quality ed is the role played by the 'big	Resources: • Class set of My Place • Worksheet 1: The big (fig) tree
 Key inquiry questions: What are the principal features and characteristics of specific places and environments? How do people, places and environments interact? How do the activities of people affected water quality. 	Outcomes: A student: • demonstrates a developing appreciation of the concepts of place, change, connections and environment • describes some ways in which people, places and environments interact.	 Lesson sequence: Step 1: To begin the lesson, revise the concept of environment with the class. Note that the environment consists of our total surroundings. It includes elements that are natural (physical) and those that are the product of human activity. Step 2: Starting at the back of the book, ask students to read through <i>My Place</i>, tracking the changes taking place in the environment over time. Focus on questions such as: How have the elements of the natural environment been modified by the activities of people? What happens to the water in the creek? What causes the water to change? What happens to the air quality? What causes the air quality to change? Step 3: The 'big tree' referred to on the last page of the book is featured throughout <i>My Place</i>. It plays a symbolic role, linking the lives of those featured in the book. Using Worksheet 1 ask students to study the relevant pages and fill in the boxes for the selected years. Ask them to briefly outline the role played by the 'big (fig) tree' in the life of the character featured on the double-page spread. In what ways does the 'big (fig) tree' cater for the needs of children? Think in terms of imaginative play, a place of solitude and reflection, and sense of continuity in a changing world. Why has an element of the natural environment been selected for such a role? Additional task: My Place makes a point about the long-term impact that people have had on the natural environment. Ask students to interview someone (family or friend) about how the area in which they live may have looked in the past. Have students compare their findings with those of their classmates.

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Lesson 5: Environmental Change

In this lesson students focus on environmental change. Of particular interest is how the activities of people have transformed the natural environment of the area and the nature of these changes with a particular focus on air and water quality in the creek/canal. Also addressed is the role played by the 'big tree' in the life of those living in the home central to *My Place*.

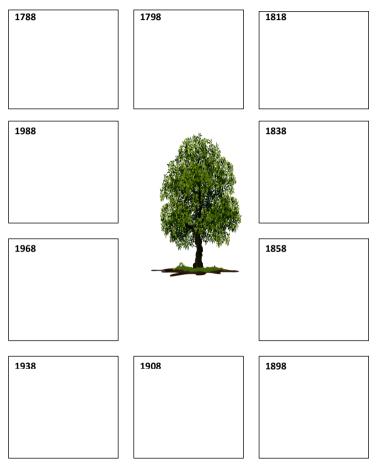
Step 1: To begin the lesson, revise the concept of environment with the class. Note that the environment consists of our total surroundings. It includes elements that are natural (physical) and those that are the product of human activity.

Step 2: Starting at the back of the book, ask students to read through *My Place*, tracking the changes taking place in the environment over time. Focus on questions such as:

- How have the elements of the natural environment been modified by the activities of people?
- What happens to the water in the creek? What causes the water to change?
- What happens to the air quality? What causes the air quality to change?

Lesson 5 – Worksheet 1

Task: One of the elements linking the lives of those children featured in My Place is the 'big tree'. Fill in the boxes below, briefly outlining the role played by the 'big tree' in the life of the character featured in each of the specified double-page spread.



Step 3: The 'big tree' referred to on the last page of the book is featured throughout *My Place*. It plays a symbolic role, linking the lives of those featured in the book. Using **Worksheet 1** ask students to study the relevant pages and fill in the boxes for the selected years. Ask them to briefly outline the role played by the 'big (fig) tree' in the life of the character featured on the double-page spread. In what ways does the 'big (fig) tree' cater for the needs of children? Think in terms of imaginative play, a place of solitude and reflection, and sense of continuity in a changing world. Why has an element of the natural environment been selected for such a role?

Additional task: My Place makes a point about the long-term impact that people have had on the natural environment. Ask students to interview someone (family or friend) about how the area in which they live may have looked in the past. Have students compare their findings with those of their classmates.

Lesson 6: My Place: Land	Lesson 6: My Place: Land use change				
Content focus: In this lesson students again focu <i>My Place</i> . In this instance they are change over time. They do this b for at specific points in time betw Key inquiry questions:	e interested in tracing land use by the studying what land is used	Resources: • Class set of My Place • Worksheet 1: Changing land uses in My Place Lesson sequence:			
key inquiry questions.	outcomes.				
 What are the principal features and characteristics of specific places and environments? How do people perceptions about places differ? How do land uses change over time? What factors contribute to the changes on land use occurring over time? 	 A student: demonstrates a developing appreciation of the concepts of place, change, connections and environment analyses maps to identify changes in land use. communicates the understanding of land use change using appropriate terminology. 	 Step 1: Students are introduced to the concept of 'land use'. Land use involves the modification of natural environments into built and managed environments such as housing estates, commercial and industrial areas, recreational facilities, agricultural fields and pastures. It can also involve the modification of exiting built environments – for example, the conversion of a farm into a housing estate or the redevelopment of an industrial site into parklands. Land use can also be defined as the arrangement of the activities people undertake in places. Step 2: Direct students to the 1788 double-page spread. Ask students to describe the nature of the environment at the time of European settlement (or invasion, depending on one's perspective). Ask students to identify the elements of the natural (or physical) environment featured on the map and the resources used to sustain life sourced from the environment. Step 3: Students are asked to study the maps for 1808, 1848, 1878, 1898, 1928, 1958 and 1988. Using Worksheet 1 students describe the land uses they observe on the maps. As they do, they determine whether these land uses are residential, commercial, industrial, recreational or other. Step 4: Ask students to consider the following questions: Where are the area's commercial activities (its shops, hotels, post office etc.) located? What types of land uses line the creek/canal? How has the site of the brickworks changed over time? What widence is their of the community's increasing cultural diversity? Step 5: Study the changes in land use recorded on Worksheet 1. As a class, discuss the changes observed. What do they tell us about the nature of technological, economic and social change in Australia over time? 			

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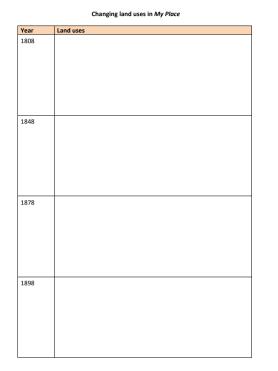
Lesson 6: Land Use Change

In this lesson students again focus on the map-based elements of *My Place*. In this instance they are interested in tracing land use change over time. They do this by the studying what land is used for at specific points in time between 1788 and 1988.

- Step 1: Students are introduced to the concept of 'land use'. Land use involves the modification of natural environments into built and managed environments such as housing estates, commercial and industrial areas, recreational facilities, agricultural fields and pastures. It can also involve the modification of exiting built environments for example, the conversion of a farm into a housing estate or the redevelopment of an industrial site into parklands. Land use can also be defined as the arrangement of the activities people undertake in places.
- **Step 2:** Direct students to the 1788 double-page spread. Ask students to describe the nature of the environment at the time of European settlement (or invasion, depending on one's perspective). Ask students to identify the elements of the natural (or physical) environment featured on the map and the resources used to sustain life sourced from the environment.

Lesson 6 – Worksheet 1

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Step 5: Study the changes in land use recorded on **Worksheet 1**. As a class, discuss the changes observed. What do they tell us about the nature of technological, economic and social change in Australia over time?

Step 3: Students are asked to study the maps for 1808, 1848, 1878, 1898, 1928, 1958 and 1988. Using **Worksheet 1** students describe the land uses they observe on the maps. As they do, they determine whether these land uses are residential, commercial, industrial, recreational or other.

Step 4: Ask students to consider the following questions:

- Where are the area's commercial activities (its shops, hotels, post office etc.) located?
- What types of land uses line the creek/ canal?
- How has the site of the brickworks changed over time?
- What has happened to the site of the tip in recent years?
- What evidence is their of the community's increasing cultural diversity?

Geography Alive: Stage 2 Geography (Topic 1; Unit 2)

Lesson 7: My Place's Indig	genous heritage	
	n Indigenous Australians and on the relationship between eoples and the land and identify key the of Indigenous Australians. Also	Resources: • Class set of My Place
Key inquiry questions:	Outcomes:	Lesson sequence:
 What are the principal features and characteristics of specific places and environments? How do people, places and environments interact? How do people perceptions about places differ? In what ways does the meaning of 'home' for Indigenous Australian's differ from that of non-indigenous Australians? What factors have contributed to the diversity of the Australian population? 	 A student: demonstrates a developing appreciation of the concepts of place, change, connections and environment describes features and characteristics of places and environments describes some ways in which people, places and environments interact explains, in simple terms, the meaning ascribed to Country by Indigenous Australians identifies important events in the post-1788 lives of Indigenous Australians recognises the diversity of Australia's population. 	 Step 1: Direct students to the 1788 double-page spread and the following two pages. Ask them to read the relevant text and study the map included. Discussion questions: What is meant by the statement 'Everywhere we go is home'? How does this differ from the meaning attached to 'home' in the rest of the book? What is special about the nature of Barangaroo's family? What role does the creek play in the life of Barangaroo and her family? What celebration did Barangaroo participate in? What does this tell us about the relationship between Aboriginal people and the environment? Step 2: On the very last page of <i>My Place</i>, Barangaroo climbs to the top of the big fig tree and dreams that she is the only person in the world. Barangaroo's grandmother makes the point: 'We've always belonged to this place.' 'For ever and ever'. What is meant by the grandmother's statement? Step 3: Class discussion. Based on your students' developing understanding of Country pose the question: How and why do Indigenous Australians and non-indigenous Australian's often perceive places differently. How might this impact on the ways we protect places. Step 4: Ask the students to revisit the timeline on Pages 1 & 2 of <i>My Place</i>. Identify the key events in Australia's Indigenous history noted in the timeline. Why are they significant? Step 5: Barangaroo lives with her extended family – parents, siblings, grandparents, aunties, uncles and cousins. Ask students to reflect on the ways in which families have changed over the time span covered by <i>My Place</i>. Step 6: Have students study their <i>My Place: Story Summary Sheet</i> completed in Lesson 2. What was each family's country of origin? What does the information reveal about the changing composition of the Australian population? What is mean by the term 'multiculturalism'?

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Lesson 7: My Place's Indigenous heritage

In this lesson students focus on those elements of the book that explore the relationship between Indigenous Australians and Country. In doing so, they reflect on the relationship between Aboriginal and Torres Islander peoples and the land and identify key events in the post-1788 experience of Indigenous Australians. Also addressed is the diversity of the Australian population and the changing nature of the family.



Step 1: Direct students to the 1788 double-page spread and the following two pages. Ask them to read the relevant text and study the map included. Discussion questions:

- What is meant by the statement 'Everywhere we go is home'? How does this differ from the meaning attached to 'home' in the rest of the book?
- What is special about the nature of Barangaroo's family?
- What role does the creek play in the life of Barangaroo and her family?
- What celebration did Barangaroo participate in?
 What does this tell us about the relationship between Aboriginal people and the environment?

Step 2: On the very last page of *My Place*, Barangaroo climbs to the top of the big fig tree and dreams that she is the only person in the world. Barangaroo's grandmother makes the point: 'We've always belonged to this place.' ... 'For ever and ever'. What is meant by the grandmother's statement?

Step 3: Class discussion. Based on your students' developing understanding of Country pose the question: How and why do Indigenous Australians and non-indigenous Australian's often perceive places differently. How might this impact on the ways we protect places.

Step 4: Ask the students to revisit the timeline on Pages 1 & 2 of *My Place*. Identify the key events in Australia's Indigenous history noted in the timeline. Why are they significant?

Step 5: Barangaroo lives with her extended family – parents, siblings, grandparents, aunties, uncles and cousins. Ask students to reflect on the ways in which families have changed over the time span covered by *My Place*.

Step 6: Have students study their *My Place: Story Summary Sheet* completed in Lesson 2. What was each family's country of origin? What does the information reveal about the changing composition of the Australian population? What is mean by the term 'multiculturalism'?

Lesson 8: My Place: Prote	ecting places hypothetical	
engage in a multi-stage hypothe	protecting places. In doing so, they etical that incorporated group work, te, a writing task and the role playing iip. Outcomes:	Resources: • Class set of My Place • <u>Resource Sheet 1: Hypothetical development proposal</u> • Kleeman, G. (2017). Geography Literacy Unlocked, AGTA – Unit 3.3, Debates pp. 100–102. Lesson sequence:
 How do people, places and environments interact? How do people perceptions about places differ? How do people's perceptions of places impact on decisions related to the protection of elements of the natural and built environments? 	 A student: demonstrates a developing appreciation of the concepts of place, change, connections and environment recognises the need to protect elements of the natural and built environments appreciates how and why people perceive places differently explains how people's perceptions influences decisions related to the protection of places. 	 Step 1: Read the hypothetical development proposal to the class. Hypothetical: A group of property developers plans to redevelop the site occupied by McDonald's and the adjacent car park (see the 1988 map). Part of their plan includes the purchase of the open space currently covered with grass and the old fig tree. The tree is a historic landmark in the local area and pre-dates the arrival of the First Fleet in 1788. The development application lodged with the local council proposes that a 10-story office block with ground-level retail outlets be built on the site. One of these will house a modern McDonald's outlet. Fifty jobs will be created during construction and in excess of 300 people will work in the building once complete. The pro-development council has agreed to a land swap with the developer. A new park will be developed on another site as compensation. The new park will feature three newly planted fig trees. Those opposed to the development court. Will you allow the development to have the development stopped. You are a judge of the Land and Environment Court. Will you allow the development to go ahead? Step 2: Ask the students to read each of the statements on made by members of the <i>My Place</i> community (see Resource Sheet 1). They are then asked to list the statements that are in favour of the development proposal and a separate list of the statements that are not. Step 3: Students individually determine the point of view they agree with. Then, in small groups of four or five the students they discuss the different views about the proposed development. They are required to reach agreement on what the group believes should happen. They should be prepared to defend their group's point of view. Step 4: Class debate. Have the people on each side of the discussion undertaken in <i>Step</i> 3 present the case for the other side, using exact arguments and a debating format (see Kleeman, 2017). Topic: <i>The development proposal should go ahead</i>. At the end of the deba

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My Place: Protecting places hypothetical

In this lesson students focus on protecting places. In doing so, they engage in a multi-stage hypothetical that incorporated group work, values clarification task, a debate, a writing task and the role playing of active and informed citizenship.

Step 1: Read the hypothetical development proposal to the class.

Step 2: Ask the students to read each of the statements on made by members of the *My Place* community (see **Resource Sheet 1**). They are then asked to list the statements that are in favour of the development proposal and a separate list of the statements that are not.

Lesson 8 – Resource Sheet 1

Development proposal hypothetical

Hypothetical: A group of property developers plans to redevelop the site occupied by McDonald's and the adjacent car park (see the 1988 map). Part of their plan includes the purchase of the open space currently covered with grass and the old fig tree. The tree is a historic landmark in the local area and pre-dates the arrival of the First Fleet in 1788. The development application lodged with the local council proposes that a 10-story office block with ground-level retail outlets be built on the site. One of these will house a modern McDonald's outlet. Fifty jobs will be created during construction and more than 300 people will work in the building once complete. The pro-development council has agreed to a land swap with the developer. A new park will be developed on another site as compensation. The new park will feature three newly planted fig trees. Those opposed to the development have gone to the Land and Environment Court in an effort to have the development to go ahead?

Community views on the proposed development



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Step 3: Students individually determine the point of view they agree with. Then, in small groups of four or five the students they discuss the different views about the proposed development. They are required to reach agreement on what the group believes should happen. They should be prepared to defend their group's point of view.

Step 4: Class debate. Have the people on each side of the discussion undertaken in *Step 3* present the case for the other side, using exact arguments and a debating format. Topic: *The development proposal should go ahead*. At the end of the debate, conduct a secret ballot to determine whether the class will recommend that the development should go ahead. **Step 5:** Writing task. Ask the students to write an exposition outlining the arguments they would use to justify their point of view on the issue. Topic: In your roles as a Judge in the Land and Environment determine whether the development should be permitted. Justify your decision.

Step 6: Ask a cross-section of students to read out their expositions to the class.

Example Unit 2

Bushfires (Stage 3)

Lesson 1: Natural hazards and disasters (Bushfires) Lesson 2: The conditions under which bushfires occur Lesson 3: Bushfire attack and fire danger ratings Lesson 4: Aboriginal use of fire Lesson 5: *Fabish*: *The Horse that Braved a Bushfire* Lesson 6: *Fire*: A Picture Book Study Lesson 7: Surviving Bushfires



Natural hazards and disasters

Introductio

Humans have always tried to control the environment. With the aid of technology people can move mountains, clear vast forests, change arid lands into fertile fields and alter the flow of rivers.

There are, however, elements of our surroundings that remain beyond our control From time to time, nature reminds us of its power. Extreme events within natural environments can devastate whole communities, disrupt communications and cause economic hardshin

We cannot control these forces, but we can study the processes that cause them. This allows us to better predict extreme events and enables us to develop ways of better coping with their effects

Natural disasters

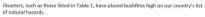
As we go about our daily lives it is easy to forget that our natural environment contains threats to human life and property. These extreme and unusual events are called natural hazards. They include major disturbances in the atmosphere and on the earth's surface. Australia's most common natural hazards include storms, cyclones, floods, droughts and bushfires. When natural hazards affect people they are termed 'natural disasters'

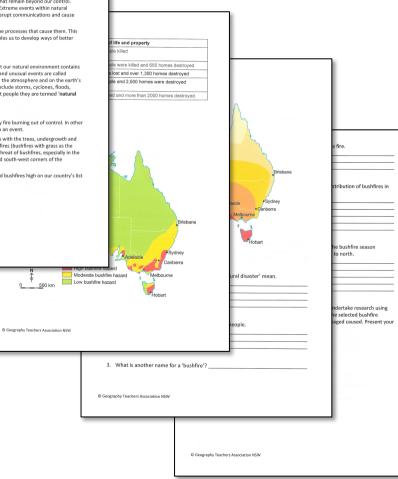
Defining bushfires

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'Bushfire' is an Australian word used to describe any fire burning out of control. In other countries the term 'wildfire' is used to describe such an event.

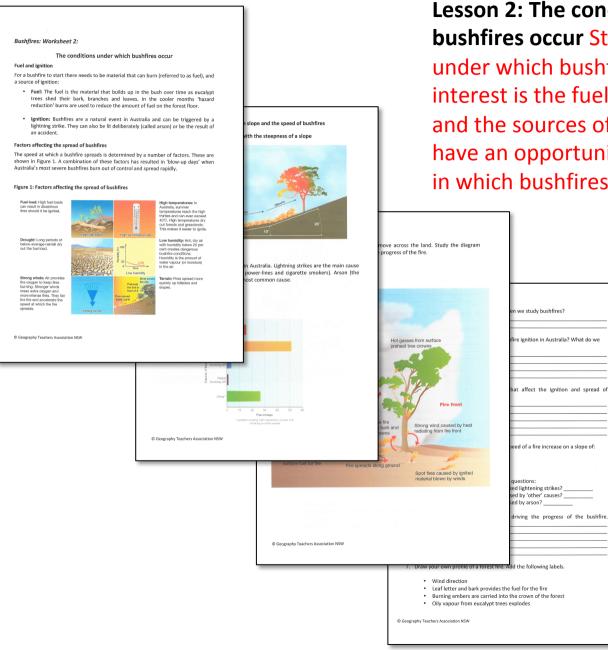
In Australia, bushfires occur as forest fires (bushfires with the trees, undergrowth and litter on the forest floor as the main fuel) and grass fires (bushfires with grass as the main fuel). Large areas of Australia suffer from the threat of bushfires, especially in the eucalypt forest and woodlands of the south-east and south-west corners of the continent





Lesson 1: Natural hazards and disasters (Bushfires)

Students distinguish between natural hazards and natural disasters. They also explore fire-related terminology used in Australia and the difference between forest and grass fires. Students study the parts of Australia at greatest risk of bushfires and how the bushfire season varies from north to south. Finally, they have the opportunity to investigate one of the deadliest Australian bushfires using the internet.



Lesson 2: The conditions under which bushfires occur Students study the conditions under which bushfires occur. Of particular interest is the fuel needed to sustain a blaze and the sources of ignition. Students also have an opportunity to examine the manner in which bushfires move across the landscape.

Bushfires: Worksheet 3a

Bushfire attack

Bushfires are a threat to life and property in a number of ways, these include

 The fire front. The flames of the fire front (the leading edge of a blaze) ignite anything flammable with which it comes into contact. The most dangerous of all fire fronts is one that burns in the crowns, or tops, of trees (called a running crown fire). In eucalynt forests, bushfires can advance at alarming speeds through the upper layers of the forest. The tops of the trees often appear to explode as the fire roars through. On hot days the oils in eucalypt leaves has into the atmosphere as a vapour. This vapour is quite flammable. The trees themselves do not explode; instead, it is the oil-rich vapour given off by the leaves that ignites in a fireball.

Figure 1: Fast moving fire front

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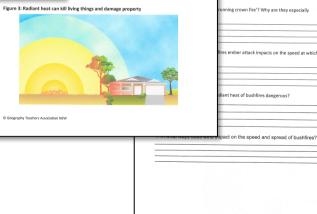
e fire front itself never reaches where you are, spot ahead of the advancing blaze when hot embers fall burning leaves, bark, and small pieces of wood from be carried great distances by strong winds. Ember or during a fire and for a long period after the main

Bark

ming from a large fire can be extreme. It can melt anks. It may last for only a few minutes as the fire t much longer when large logs, branches, grass ontinue to hurn and smoulder

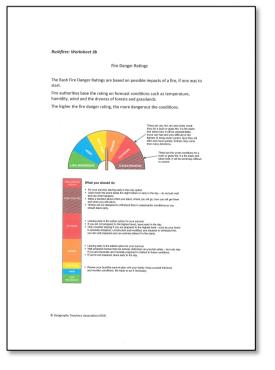
accompany a bushfire. They fan the fire by

o it, as well as carrying the embers of the fire over



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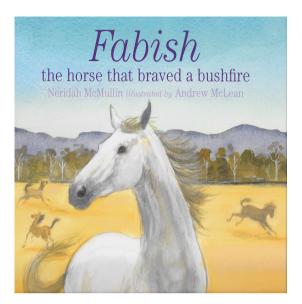
Lesson 3: Bushfire attack Students consider the nature of the threat bushfires pose to life and property. Students focus on the impacts of the fire-front, ember attack, radiant heat and wind in determining the severity of bushfires.



Bushfires: Worksheet 4	
Aboriginal use of fire	
Bushfires have always been part of the Australian natural environ started by lightning strikes. People ignited others, sometimes del sometimes by accident.	
When Aboriginal people arrived in Australia, more than 50,000 y developed a way of life well suited to the environment in which t learned to manage the land in ways that met their needs. Their m intensity fire.	hey lived. They
Aboriginal people made frequent and planned use of fire to keep open and easy to travel through, to promote the growth of fresh herbs that would attract animals, as a means of signaling and hur more obvious purposes such as warmth and cooking.	green grass and
Their patterns of burning were quite sophisticated. They delibera clear out some heavy bush areas and burnt the areas around fire- vegetation communities as a form of protection for the plants the	sensitive
Over time, the use of fire by Aboriginal people changed the Austr Fire sensitive species of plants died out while those able to cope burning (for example, the eucalypts) flourished. Scientists also be of fire contributed to the extinction of Australia's ancient megafa marsupials that once roamed the land.	lieve that the use
As a result of Aboriginal fire use practices, large intense bushfires occur today, were uncommon.	, such as those that
Figure 1: Aboriginal Australians used fire to manage the land. Party Lycett, National Library of Australia.	Initing by Joseph Initing by Joseph Initial Initia
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Lesson 4: Aboriginal use of

fire Students focus on Aboriginal Australian's frequent and planned use of fire as a way of managing country. They also reflect on how the use of fire changed the landscape of Australia over time.



Lesson 5: Picture book study: *Fabish: The horse that Braved a Bushfire* Students develop their skills in discovering the meaning of words from the context in which they are used. They may do this on their own, through implied meaning, or through discussion with adult story reader.

Bushfires: Worksheet 5	Activity 2: Liet the	r horse-related words used in the picture book and write a definition
	of each based on t	the context in which they have been used and/or your discussion of
Fabish: the Horse that Braved a Bushfire	Fabish: the Horse	that Braved a Bushfire.
By Nerida McMullin and Andrew McLean	Word Racehorse	Meaning A horse bred, trained and kept for racing
Frank braved a bushfire Norther blaktiling sources and new Kelsen Norther blaktiling sources and new Kelsen Northe	definition of each	bushfire-related words used in the picture book and write a based on the context in which they have been used and/or your th. the Horse that Browed a Bushfire.
experienced on the day.	Word	Meaning
	Smoke	Carbon or other particles in the air, emitted from a burning substance
What do these words and phrases suggest about the weather conditions that existed		
in the days before The Black Saturday fires that swept across Victoria in early 2009?		
D Gragnaphy Teichen Association KSW	Ø Geography Teachers A	ssociation NSW



Lesson 6: Picture book study: *Fire* Students develop their skills in identifying rhyming words (and rhymed couplets) and the use of metaphorical language. They may do this on their own or through discussion with adult story reader.

Bushfires: Worksheet 6				
Fire				
By Jackie French and Bruce V ire is a moving story about a natural disaster a bushfire). The fire destroys homes and land na family is forced to file in their car. Brave olunteer fire fighters put out the fire, the	(B)			7
amily are safe but loose their home. Soon life eturns to the land and those affected ppreciate the importance of being safe and aving each other.	Her Party RES			
Activity 1: Rhyming words				
ist all the sets of rhyming words you can fine in	Fire.	10		
sky dry awake		ach of the following:		
			yming word	Why is the use of a snake a good choice of a simile?
				enhanced the story. Think about his use of colour
		or to help bring her story aliv	e The fire is portraved	
		. Identify the words and phr		
			nar itse- med obgdared n	
D Geography Teachers Association NSW				
				olving the comparison of one thing with another thing o a description more vivid.
				that helps our minds come to grips with complex ideas more familiar and readily understood.
				sentational forms or images that have meaning beyond
				e.
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