

Australian Curriculum: Science

Resources for Years Foundation–2 (5–8 years)

Curriculum Focus:

Awareness of self and the local world

Science Understanding	Reference/Nonfiction Resources	Teacher Resources	Digital Resources	Literacy: Information Texts
FOUNDATION				
Biological sciences		Thinking Themes TRBs: <i>Australian Mammals</i> <i>Farm Animals</i> <i>Zoo Animals</i> Wall Charts <i>Australian Mammals</i> <i>Zoo Animals</i>		Springboard: various titles Learn-Abouts: various titles
Earth and space sciences	Macmillan Young Library: How's the Weather? series			Learn-Abouts: various titles
Physical sciences	Macmillan Young Library: Toys and Forces series	Thinking Themes TRB: <i>Toys</i>	Macmillan Digital Library: <i>Toys and Forces</i>	Learn-Abouts: various titles
YEAR 1				
Biological sciences	Macmillan Classroom Library: Science Investigations – Animals and Plants Macmillan Young Library: Australian Animals series Discovering Dinosaurs series Farm Animals series Mighty Minibeasts series Wonders of the Sea series Zoo Animals series	Science Out of the Box TRB: <i>Life and Living Ages 5–8</i> Thinking Themes TRBs: <i>Australian Mammals</i> <i>Discovering Dinosaurs</i> <i>Farm Animals</i> <i>Wonders of the Sea</i> <i>Zoo Animals</i> Wall Charts: <i>Australian Mammals</i> <i>Wonders of the Sea</i> <i>Zoo Animals</i>	Macmillan Digital Library: <i>Australian Animals</i> <i>Discovering Dinosaurs</i> <i>Mighty Minibeasts</i> <i>Zoo Animals</i>	Springboard: various titles Springboard into Comprehension: various titles Learn-Abouts: various titles
Chemical sciences		Science Out of the Box TRB: <i>Materials Ages 5–8</i>		
Earth and space sciences	Macmillan Young Library: Investigating Earth series How's the Weather? series	Macmillan Masterclass <i>Teaching for Sustainability</i> Science Out of the Box TRB: <i>Earth and Space Ages 5–8</i> Thinking Themes TRB: <i>Weather and Climate</i> Wall Charts: <i>Weather and Climate</i>	Macmillan Digital Library: <i>Investigating Earth</i>	Springboard: various titles Springboard into Comprehension: various titles Learn-Abouts: various titles
Physical sciences		Science Out of the Box TRB: <i>Energy and Forces Ages 5–8</i>		Learn-Abouts: various titles

*Teaching and Learning Support available

Australian Curriculum: Science

Resources for Years Foundation–2 (5–8 years) *cont.*

Science Understanding	Reference/Nonfiction Resources	Teacher Resources	Digital Resources	Literacy: Information Texts
YEAR 2				
Biological sciences	Macmillan Classroom Library: Science Investigations – Animals and Plants Macmillan Young Library: Australian Animals series Mighty Minibeasts series Wonders of the Sea series	Science Out of the Box TRB: <i>Life and Living Ages 5–8</i> Thinking Themes TRBs: <i>Discovering Dinosaurs</i> <i>Minibeasts</i> Wall Charts: <i>Minibeasts</i>	eBooks (due mid 2012): Australian Animals: various titles Mighty Minibeasts: various titles Macmillan Digital Library: <i>Australian Animals</i> <i>Mighty Minibeasts</i>	Springboard: various titles Springboard into Comprehension: various titles
Chemical sciences		Science Out of the Box TRB: <i>Materials Ages 5–8</i> Thinking Themes TRBs: <i>Environmental Footprints</i>		
Earth and space sciences	Macmillan Young Library: Energy Choices series Living Sustainably series* Recycling series Water for Australia series Earth's Cycles: <i>Water</i>	Macmillan Masterclass <i>Teaching for Sustainability</i> Science Out of the Box TRB: <i>Earth and Space Ages 5–8</i> Thinking Themes TRB: <i>Investigating Earth</i> <i>Water</i> Wall Charts: <i>Investigating Earth</i>	Macmillan Digital Library: <i>Energy Choices</i> <i>Living Sustainably*</i> <i>Recycling</i> <i>Water for Australia</i>	Springboard: various titles
Physical sciences	Macmillan Young Library: Toys and Forces	Science Out of the Box TRB: <i>Energy and Forces Ages 5–8</i> Thinking Themes TRB: <i>Toys</i>	Macmillan Digital Library: <i>Toys and Forces</i>	Springboard: various titles

FOUNDATION–2				
General Resources		Focus On TRBs: <i>Art in Science Ages 5–8</i> <i>Science Ages 5–8</i> Wall Charts: Focus On <i>Science Ages 5–8</i>	Macmillan eCharts: <i>Science Mega CD</i>	

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Australian Curriculum: Science Resources for Years 3–4 (8–10 years)

Curriculum Focus:

Reorganising questions that can be investigated scientifically and investigating them

Science Understanding	Reference/Nonfiction Resources	Teacher Resources	Digital Resources	Literacy: Information Texts
YEAR 3				
Biological sciences	Curriculum Resource Pack: <i>The Animal Kingdom</i> Macmillan Young Library: Investigating Earth series	Science Out of the Box TRB: <i>Life and Living Ages 8–10</i>		Springboard: various titles Springboard into Comprehension: various titles
Chemical sciences	The Macmillan Encyclopedia of Junior Science	Science Out of the Box TRB: <i>Materials Ages 8–10</i>		Springboard: various titles Springboard into Comprehension: various titles
Earth and space sciences	Sky Watching series	Science Out of the Box TRB: <i>Earth and Space Ages 8–10</i> Thinking Themes TRB: <i>Sky Watching</i> Wall Charts: <i>Sky Watching</i>	Macmillan Digital Library: <i>Sky Watching</i>	Springboard: various titles Springboard into Comprehension: various titles
Physical sciences	The Macmillan Encyclopedia of Junior Science	Science Out of the Box TRB: <i>Energy and Forces Ages 8–10</i>		Springboard: various titles
YEAR 4				
Biological sciences	Macmillan Library: Animal Attack and Defence series Animal Lives series Deadly and Incredible Animals series Earth's Cycles: <i>The Animal Life Cycle</i> Life Cycles of Marine Animals series Protecting Australian Wildlife series The Science Behind: <i>Animal and Plant Survival</i> What's the Issue?: <i>Australia's Endangered Animals</i>	Science Out of the Box TRB: <i>Life and Living Ages 8–10</i> Macmillan Masterclass <i>Teaching for Sustainability</i> Thinking Themes TRB: <i>Biodiversity</i>	eBooks (due mid 2012): Deadly and Incredible Animals: various titles Life Cycles of Marine Animals: various titles Macmillan Digital Library: <i>Animal Attack and Defence</i> <i>Animal Lives</i> <i>Deadly and Incredible Animals</i> <i>Life Cycles of Marine Animals</i> <i>The Macmillan Encyclopedia of Australian Plants and Animals</i>	Springboard: various titles Springboard into Comprehension: various titles
Chemical sciences	The Macmillan Encyclopedia of Junior Science	Science Out of the Box TRB: <i>Materials Ages 8–10</i> Macmillan Masterclass <i>Teaching for Sustainability</i> Thinking Themes TRB: <i>Environmental Footprints</i>		Springboard: various titles Springboard into Comprehension: various titles
Earth and space sciences	Curriculum Resource Pack: <i>Earth's Cycles</i> The Macmillan Encyclopedia of Junior Science Space Frontiers: <i>Our Solar System</i>	Science Out of the Box TRB: <i>Earth and Space Ages 8–10</i> Thinking Themes TRB: <i>Investigating Earth</i> Wall Charts: <i>Investigating Earth</i>		Springboard: various titles Springboard into Comprehension: various titles
Physical sciences	The Macmillan Encyclopedia of Junior Science Macmillan Young Library: Toys and Forces series Ages 5–8	Science Out of the Box TRB: <i>Energy and Forces Ages 8–10</i> Thinking Themes TRB: <i>Toys Ages 5–8</i>	Macmillan Digital Library: <i>Toys and Forces</i>	Springboard: various titles

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YEARS 3–4				
General Resources		Focus On TRB: <i>Art in Science Ages 8–10</i> <i>Science Ages 8–10</i> Wall Charts: Focus On <i>Science Ages 8–10</i>	Excellence in Scientific Inquiry Ages 8–10 CD 1 CD 2 Macmillan eCharts: <i>Science Mega CD</i>	

Australian Curriculum: Science

Resources for Years 5–6 (10+ years)

Curriculum Focus:

Reorganising questions that can be investigated scientifically and investigating them

Science Understanding	Science as a Human Endeavour	Reference/Nonfiction Resources	Teacher Resources	Digital Resources	Literacy: Information Texts
YEAR 5					
Biological sciences		<p>Macmillan Library:</p> <p>Animal Attack and Defence series</p> <p>Animal Lives series</p> <p>Deadly and Incredible Animals series</p> <p>Life Cycles of Marine Animals series</p> <p>The Macmillan Encyclopedia of Junior Science</p> <p>The Science Behind: <i>Animal and Plant Survival</i></p> <p>Curriculum Resource Pack: <i>Threats to Plants and Animals</i></p>	<p>Macmillan Masterclass <i>Teaching for Sustainability</i></p> <p>Science Out of the Box TRB: <i>Life and Living Ages 10+</i></p> <p>Thinking Themes TRB: <i>Biodiversity</i></p>	<p>eBooks (due mid 2012):</p> <p>Deadly and Incredible Animals: various titles</p> <p>Life Cycles of Marine Animals: various titles</p> <p>Macmillan Digital Library: <i>Animal Attack and Defence</i> <i>Animal Lives</i> <i>Deadly and Incredible Animals</i> <i>Life Cycles of Marine Animals</i> <i>The Macmillan Encyclopedia of Australian Plants and Animals</i></p>	<p>Springboard: various titles</p> <p>Springboard into Comprehension: various titles</p>
Chemical sciences		<p>The Macmillan Encyclopedia of Junior Science</p>	<p>Science Out of the Box TRB: <i>Materials Ages 10+</i></p>		
Earth and space sciences		<p>Macmillan Library:</p> <p>The Science Behind: <i>Time, Tides and Revolutions</i></p> <p>Sky Watching series</p> <p>Space Frontiers <i>Space Science</i> <i>Our Solar System</i> <i>The Universe</i></p>	<p>Science Out of the Box TRB: <i>Earth and Space Ages 10+</i></p> <p>Thinking Themes TRBs: <i>The New Solar System</i> <i>Sky Watching</i> <i>Space Frontiers</i></p> <p>Wall Charts: <i>Sky Watching</i> <i>Space Frontiers</i></p>	<p>Macmillan Digital Library: <i>Sky Watching</i> <i>Space Frontiers</i></p> <p>Topics for the Integrated Curriculum: <i>The New Solar System</i></p>	<p>Springboard: various titles</p> <p>Springboard into Comprehension: various titles</p>
Physical sciences		<p>The Macmillan Encyclopedia of Junior Science</p> <p>The Science Behind: <i>Tricks of Sound and Light</i></p>	<p>Science Out of the Box TRB: <i>Energy and Forces Ages 10+</i></p>		<p>Springboard: various titles</p> <p>Springboard into Comprehension: various titles</p>
	Nature and development of science	<p>Macmillan Library:</p> <p>Forensic Investigations series</p> <p>Heroes of Australian Science series*</p>		<p>Macmillan Digital Library: <i>Forensic Investigations</i> <i>Heroes of Australian Science</i>*</p>	
	Use and influence of science	<p>The A–Z of Scientific Discoveries series</p>		<p>Macmillan Digital Library: <i>The A–Z of Scientific Discoveries</i></p>	

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Australian Curriculum: Science
Resources for Years 5–6 (10+ years) cont.

Science Understanding	Science as a Human Endeavour	Reference/Nonfiction Resources	Teacher Resources	Digital Resources	Literacy: Information Texts
YEAR 6					
Biological sciences		<p>Macmillan Classroom Library: Geography Investigations – Environmental Sustainability</p> <p>Biodiversity series Climate Change series Environmental Footprints series</p> <p>Global Issues: <i>Biodiversity</i> <i>Clean Air and Water</i> <i>Ecological Footprints</i> <i>Environmental Pollutants</i> <i>Global Warming</i> <i>Greenhouse Gases</i> <i>Protecting Natural Environments</i></p> <p>Living Green series</p> <p>Macmillan World Library: <i>Threats to Plants and Animals</i></p> <p>What's the Issue?: <i>Great Barrier Reef Under Threat</i> <i>Australia's Endangered Animals</i></p> <p>World Heritage: <i>Protecting Ecosystems</i> <i>Protecting Threatened Animals</i></p>	<p>Macmillan Masterclass <i>Teaching for Sustainability</i></p> <p>Science Out of the Box TRB: <i>Life and Living Ages 10+</i></p> <p>Thinking Themes TRBs: <i>Antarctica</i> <i>Biodiversity</i> <i>Environmental Footprints</i></p>	<p>Macmillan Digital Library: <i>Biodiversity</i> <i>Climate Change</i> <i>Living Green</i></p>	<p>Springboard: various titles</p> <p>Springboard into Comprehension: various titles</p>
Chemical sciences			<p>Science Out of the Box TRB: <i>Materials Ages 10+</i></p> <p>Thinking Themes TRB: <i>Environmental Footprints</i></p>		
Earth and space sciences		<p>Climate Change series Disaster Watch series Natural Disasters series The Science Behind: <i>Natural Disasters</i> Weather and Climate series</p>	<p>Science Out of the Box TRB: <i>Earth and Space Ages 10+</i></p> <p>Thinking Themes TRBs: <i>Climate Change</i> <i>Natural Disasters</i></p> <p>Wall Charts: <i>Climate Change</i> <i>Natural Disasters</i></p>	<p>Macmillan Digital Library: <i>Climate Change</i> <i>Disaster Watch</i> <i>Weather and Climate</i></p>	<p>Springboard: various titles</p>
Physical sciences		<p>Energy in Action series* Macmillan World Library: <i>Future Energy</i> The Science Behind: <i>Tricks of Sound and Light</i></p>	<p>Macmillan Masterclass <i>Teaching for Sustainability</i></p> <p>Science Out of the Box TRB: <i>Energy and Forces Ages 10+</i></p>	<p>Macmillan Digital Library: <i>Energy in Action</i></p>	
	Nature and development of science	<p>Forensic Investigations series Heroes of Australian Science series*</p>		<p>Macmillan Digital Library: <i>Forensic Investigations</i> <i>Heroes of Australian Science</i></p>	
	Use and influence of science	<p>The A–Z of Scientific Discoveries series</p>		<p>Macmillan Digital Library: <i>The A–Z of Scientific Discoveries</i></p>	

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YEARS 5–6

General Resources		<p>The A–Z of Scientific Discoveries series</p> <p>The Science Behind series</p>	<p>Focus On TRBs: <i>Art in Science Ages 10+</i> <i>Science Ages 10+</i></p> <p>Wall Charts: Focus On Science Ages 10+</p>	<p>Excellence in Scientific Inquiry Ages 10+ CD 1 CD 2</p> <p>Macmillan Digital Library: <i>The A–Z of Scientific Discoveries</i> <i>The Science Behind</i></p> <p>Macmillan eCharts: <i>Science Mega CD</i></p>	
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Australian Curriculum: Science

Resources for Years 7–8 (13–14 years)

Curriculum Focus:

Explaining phenomena involving science and its applications

Science Understanding	Science as a Human Endeavour	Reference/Nonfiction Resources	Teacher Resources	Digital Resources
YEAR 7				
Biological sciences		Macmillan Classroom Library: Geography Investigations – Environmental Sustainability		
Chemical sciences		The Macmillan Encyclopedia of Junior Science		
Earth and space sciences		Macmillan Classroom Library: Geography Investigations – Environmental Sustainability Earth's Cycles: <i>Water</i> Living Green series Macmillan World Library: <i>Our World, Our Future</i> The Science Behind: <i>Time, Tides and Revolutions</i> Water for Australia series A Water Report series Weather and Climate series	Thinking Themes TRBs: <i>Weather and Climate</i> <i>Water</i> Wall Charts: <i>Weather and Climate</i>	Macmillan Digital Library: <i>Living Green</i> <i>Water for Australia</i> <i>Weather and Climate</i>
Physical sciences		The Macmillan Encyclopedia of Junior Science The Science Behind: <i>Theme Parks, Playgrounds and Toys</i> <i>Time, Tides and Revolutions</i> Sky Watching series Space Frontiers: <i>Our Solar System</i> <i>Space Science</i> <i>The Universe</i>	Thinking Themes TRBs: <i>The New Solar System</i> <i>Space Frontiers</i> Wall Charts: <i>Space Frontiers</i>	Topics for the Integrated Curriculum: <i>The New Solar System</i> CD Macmillan Digital Library: <i>Space Frontiers</i>
	Nature and development of science	Heroes of Australian Science series*		Macmillan Digital Library: <i>Heroes of Australian Science</i>
	Use and influence of science	Forensic Investigations series Heroes of Australian Science series		Macmillan Digital Library: <i>Forensic Investigations</i> <i>Heroes of Australian Science</i>
YEAR 8				
Physical sciences		Energy in Action series*		Macmillan Digital Library: <i>Energy in Action</i> *
	Nature and development of science	Heroes of Australian Science series* The A–Z of Scientific Discoveries series		Macmillan Digital Library: <i>The A–Z of Scientific Discoveries</i> <i>Heroes of Australian Science</i>
	Use and influence of science	Macmillan Classroom Library: Geography Investigations – Environmental Sustainability Forensic Investigations series Heroes of Australian Science series*		Macmillan Digital Library: <i>Forensic Investigations</i> <i>Heroes of Australian Science</i>

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