

Title	Level	Science Understandings
<p>Killer Plants <i>Killer Plants</i> explains how some plants that live in poor soil meet their needs by attracting insects and digesting them.</p>	19-20	BS (ACSSU030) Living things grow, change and have offspring similar to themselves
<p>Saving the Oceans <i>Saving the Oceans</i> discusses how our oceans are being damaged, and how this impacts marine habitats and the animals and plants that live there. It suggests ways that people can help to protect the oceans.</p>	19-20	UIS (ACSSU032) People use science in their daily lives, including when caring for their environment and living things
<p>How Do Plants Grow Here? <i>How Do Plants Grow Here?</i> explores the adaptations that plants that live and thrive in harsh environments have to enable them to find the water and nutrients they need, as well as survive the impact of excessive heat, cold, or other environmental stressors.</p>	19-20	BS (ACSSU030) Living things grow, change and have offspring similar to themselves
<p>Why We Need Rainforests <i>Why We Need Rainforests</i> discusses the importance of rainforests and how animals, plants, and people need rainforests to survive.</p>	19-20	ESS (ACSSU032) Earth's resources are used in a variety of ways UIS (ACSHE035) People use science in their daily lives, including when caring for their environment and living things
<p>A River's Journey <i>A River's Journey</i> describes how a river changes as it flows from high in the mountains all the way to the sea. It describes the various formations that the moving water makes, and the different animals that live in and near the river.</p>	19-20	ESS (ACSSU032) Earth's resources are used in a variety of ways
<p>Cracking, Sinking, and Bubbling Over <i>Cracking, Sinking and Bubbling Over</i> explains how the moving earth can create earthquakes, tsunamis, sinkholes, and volcanoes.</p>	19-20	NDS (ACSHE034) Science involves observing, asking questions about, and describing changes in, objects and events
<p>Heating and Cooling How Do Things Change <i>Heating and Cooling: How Do Things Change?</i> explains what happens to various foods and drinks when they are heated or cooled. It investigates changes to these foods and drinks; ones that can never be undone and ones that can be reversed.</p>	19-20	SIS (AC SIS037) Pose and respond to questions, and make predictions about familiar objects

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<p>Making Work Easy <i>Making Work Easy</i> explores how pulleys and levers are used separately and together to make the work of lifting and moving things easier. It provides familiar examples of tools and machines that have pulleys and/or levers in their design.</p>	19-20	<p>PS (ACSSU033) A push or a pull effects how an object moves or changes shape DTKU (ACTDEK002) Explore how technologies use forces to create movement in products</p>
<p>Deserts of the World <i>Deserts of the World</i> explores different types of deserts by describing a hot desert (the Sahara), a cold desert (the Gobi) and a polar desert (Antarctica). It discusses what each desert is like, and the plants and animals that are able to survive in these extreme environments.</p>	21-22	<p>ESS (ACSSU032) Earth's resources are used in a variety of ways BS (ACSSU030) Living things grow, change and have offspring similar to themselves</p>
<p>Robots <i>Robots</i> explains how and why robots are used around the home, in the workplace and in dangerous places. It looks at the types of work that robots can do and why these machines are important in everyday life.</p>	21-22	<p>DTKU (ACTDEK001) Identify how people design and produce familiar products to meet personal and local community needs DTKU (ACTDEK004) Explore the characteristics and properties of materials and components that are used to produce designed solutions</p>
<p>Weather <i>Weather</i> explains the ways that different weather patterns form.</p>	21-22	<p>NDS (ACSHE034) Science involves observing, asking questions about, and describing changes in, objects and events</p>
<p>Amazing Lifetimes <i>Amazing Lifetimes</i> highlights amazing plant and animal lifetimes. Amazing growth rates, size, lifespans and reproduction are discussed.</p>	21-22	<p>BS (ACSSU030) Living things grow, change and have offspring similar to themselves</p>
<p>Sharing Our Yard <i>Sharing Our Yard</i> describes the actions that a girl who lives in Queensland is taking to look after three special animals: the Ulysses blue butterfly, the crimson finch and the musky rat-kangaroo. It describes the needs of these animals and why they require protecting.</p>	21-22	<p>BS (ACSSU030) Living things grow, change and have offspring similar to themselves – exploring different characteristics of life stages in animals such as egg, caterpillar and butterfly UIS (ACSHE035) People use science in their daily lives, including when caring for their environment and living things</p>
<p>Monster Machines <i>Monster Machines</i> is a report about the huge machines used in farming, mining, building and transportation.</p>	21-22	<p>DTKU (ACTDEK001) Identify how people design and produce familiar products to meet personal and local community needs DTKU (ACTDEK004) Explore the characteristics and properties of materials and components that are used to produce designed solutions</p>

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<p>Summer in Antarctica <i>Summer in Antarctica</i> describes the changes that take place in the summer in Antarctica. It explores how the increasing hours of daylight enable animals to find food, mate and raise their young in this difficult landscape.</p>	21-22	ESS (ACSSU032) Earth's resources are used in a variety of ways BS (ACSSU030) Living things grow, change and have offspring similar to themselves
<p>Side By Side <i>Side by Side</i> compares the lifetimes of the impala and the lion, who live in the same habitat in Africa.</p>	21-22	BS (ACSSU030) Living things grow, change and have offspring similar to themselves
<p>Animals of the African Grasslands <i>Animals of the African Grasslands</i> reports on the different ways that animals living on these grasslands find their food and stay safe from predators.</p>	23-24	BS (ACSSU030) Living things grow, change and have offspring similar to themselves
<p>What Is It? <i>What Is It?</i> is a question and answer book that describes the characteristics of materials used to make everyday objects and asks the reader to determine what that material is. It then explores how these characteristics relate to the specific ways in which each material is used.</p>	23-24	CS (ACSSU031) Different materials can be combined for a particular purpose DTKU (ACTDEK004) Explore the characteristics and properties of materials and components that are used to produce designed solutions
<p>The Changing Shape of the Land <i>The Changing Shape of the Land</i> explores the ways that moving water, wind, ice and snow shape the landscape.</p>	23-24	NDS (ACSHE034) Science involves observing, asking questions about, and describing changes in, objects and events
<p>Disappearing Ice <i>Disappearing Ice</i> describes how a warmer climate is causing the pack ice in the Arctic to shrink. It explains why it is difficult for many Arctic animals to survive now that there is less pack ice.</p>	23-24	NDS (ACSHE034) Science involves observing, asking questions about, and describing changes in, objects and events
<p>Majestic Mountains <i>Majestic Mountains</i> explains the different ways that mountains can be formed. It also describes the conditions that are found at the various levels on mountains, and the types of plants and animals that live there.</p>	23-24	ESS (ACSSU032) Earth's resources are used in a variety of ways

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<p>Silkworms <i>Silkworms</i> explains the changes that occur during the different stages of the silkworm's life cycle, from hatching out of eggs, emerging as worms, changing into moths, mating and laying eggs. It also explores the impact of humans on these animals.</p>	23-24	BS (ACSSU030) Living things grow, change and have offspring similar to themselves – exploring different characteristics of life stages in animals such as egg, caterpillar and butterfly
<p>Bridges <i>Bridges</i> is a report about how bridges are made, and the properties of the materials used to make them. It also discusses some very famous bridges.</p>	23-24	DTKU (ACTDEK001) Identify how people design and produce familiar products to meet personal and local community needs DTKU (ACTDEK004) Explore the characteristics and properties of materials and components that are used to produce designed solutions
<p>Champions of the Animal World <i>Champions of the Animal World</i> looks at animals that have exceptional abilities. It explores what each animal champion can do and how it does it. The book also looks at human-made threats to each animal's survival.</p>	23-24	UIS: Recognise that many living things rely on resources that may be threatened, and that science understanding can contribute to the preservation of such resources