

WorldWise Informative Texts

Guided Reading Levels 19-24 linked to the New Zealand Curriculum: Science Year 3

Title	Level	Science Understandings
Killer Plants <i>Killer Plants</i> explains how some plants that live in poor soil meet their needs by attracting insects and digesting them.	19-20	LW: There are life processes common to all living things and these occur in different ways
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.	19-20	PEB: Water, air, rocks and soil, and land forms make up our planet and these are Earth's resources
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.	19-20	LW: Living things are suited to their particular habitat and they respond to environmental changes, both natural and human induced
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.	19-20	LW: Living things are suited to their particular habitat and they respond to environmental changes, both natural and human induced
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.	19-20	PEB: Water, air, rocks and soil, and land forms make up our planet and these are Earth's resources
Cracking, Sinking, and Bubbling Over <i>Cracking, Sinking and Bubbling Over</i> explains how the moving earth can create earthquakes, tsunamis, sinkholes, and volcanoes.	19-20	PW: Explore, describe, and represent patterns and trends for everyday examples of physical phenomena
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.	19-20	MW: Compare physical and chemical changes

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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.	19-20	PW: The effect of forces (contact and non-contact) on the motion of objects NT: Understand how society and environments impact on and are influenced by technology in historical and contemporary contexts and that technological knowledge is validated by successful function
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.	21-22	PEB: Water, air, rocks and soil, and land forms make up our planet and these are Earth's resources LW: There are life processes common to all living things and these occur in different ways
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.	21-22	NT: Understand how society and environments impact on and are influenced by technology in historical and contemporary contexts and that technological knowledge is validated by successful function
Weather <i>Weather</i> explains the ways that different weather patterns form.	21-22	PW: Explore, describe, and represent patterns and trends for everyday examples of physical phenomena
Amazing Lifetimes <i>Amazing Lifetimes</i> highlights amazing plant and animal lifetimes. Amazing growth rates, size, lifespans and reproduction are discussed.	21-22	LW: There are life processes common to all living things and these occur in different ways
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.	21-22	LW: Recognise that there are life processes common to all living things and these occur in different ways LW: Living things are suited to their particular habitat and they respond to environmental changes, both natural and human induced
Monster Machines <i>Monster Machines</i> is a report about the huge machines used in farming, mining, building and transportation.	21-22	NT: Understand how society and environments impact on and are influenced by technology in historical and contemporary contexts and that technological knowledge is validated by successful function

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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.	21-22	PEB: Investigate the water cycle and its effect on climate, landforms and life LW: Living things are suited to their particular habitat and they respond to environmental changes, both natural and human induced
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.	21-22	LW: There are life processes common to all living things and these occur in different ways
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.	23-24	LW: Explain how living things are suited to their particular habitat and how they respond to environmental changes
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.	23-24	MW: Group materials in different ways, based on the observations and measurements of the characteristic chemical and physical properties of a range of different materials TK: Understand the relationship between the materials used and their performance properties in technological properties
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.	23-24	PW: Explore, describe, and represent patterns and trends for everyday examples of physical phenomena PEB Investigate the water cycle and its effect on climate, landforms and life
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.	23-24	PW: Explore, describe, and represent patterns and trends for everyday examples of physical phenomena PEB Investigate the water cycle and its effect on climate, landforms and life
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.	23-24	PW: Explore, describe, and represent patterns and trends for everyday examples of physical phenomena PEB: Water, air, rocks and soil, and land forms make up our planet and these are Earth's resources

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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.	23-24	LW: Recognise that there are life processes common to all living things and these occur in different ways
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.	23-24	NT: Understand how society and environments impact on and are influenced by technology in historical and contemporary contexts and that technological knowledge is validated by successful function
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.	23-24	LW: Explain how living things are suited to their particular habitat and how they respond to environmental changes