

Climate Ready Classrooms

CURRICULUM GUIDE

KEEP
NEW ZEALAND
BEAUTIFUL.



Level 1 - Curriculum Table

LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Recognise and identify ideas within and across texts.		✓	✓	
	Form and express ideas on a range of topics.	✓	✓	✓	✓
	Recognise and begin to understand how language features are used for effect within and across texts.		✓		
The Arts: Visual Arts	Investigate visual ideas in response to a variety of motivations, observation, and imagination.		✓		
	Share the ideas, feelings, and stories communicated by their own and others' objects and images.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Extend their experiences and personal explanations of the natural world through exploration, play, asking questions, and discussing simple models.	✓	✓	✓	✓
	Explore and act on issues and questions that link their science learning to their daily living.	✓	✓	✓	✓
Science: Living World	Life processes: Recognise that all living things have certain requirements so they can stay alive.	✓	✓	✓	✓
	Ecology: Recognise that living things are suited to their particular habitat.	✓	✓	✓	✓
Science: Planet Earth & Beyond	Interacting systems: Explore how natural features are changed and resources affected by natural events and human actions.	✓	✓	✓	✓
Science: Material World	Chemistry and Society: Find out about the uses of common materials and their observed properties.	✓	✓		

NOTE: More achievement objectives may be covered depending on the extension activities chosen.

Level 2 - Curriculum Table

LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Show some understanding of ideas within, across, and beyond texts.		✓	✓	
	Select, form, and express ideas on a range of topics.	✓	✓	✓	✓
	Show some understanding of how language features are used for effect within and across texts.		✓		
The Arts: Visual Arts	Investigate and develop visual ideas in response to a variety of motivations, observation, and imagination.		✓		
	Share the ideas, feelings, and stories communicated by their own and others' objects and images.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Extend their experiences and personal explanations of the natural world through exploration, play, asking questions, and discussing simple models.	✓	✓	✓	✓
	Explore and act on issues and questions that link their science learning to their daily living.	✓	✓	✓	✓
Science: Living World	Life processes: Recognise that all living things have certain requirements so they can stay alive.	✓	✓	✓	✓
	Ecology: Recognise that living things are suited to their particular habitat.	✓	✓	✓	✓
Science: Planet Earth & Beyond	Interacting systems: Explore how natural features are changed and resources affected by natural events and human actions.	✓	✓	✓	✓
Science: Material World	Chemistry and society: Find out about the uses of common materials and their observed properties.	✓	✓		
Social Sciences	Understand how places influence people and people influence places.	✓	✓	✓	✓

NOTE: More achievement objectives may be covered depending on the extension activities chosen.

Level 3 - Curriculum Table

LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Show a developing understanding of ideas within, across, and beyond texts.		✓	✓	
	Select, form, and communicate ideas on a range of topics.	✓	✓	✓	✓
	Show a developing understanding of how language features are used for effect within and across texts.		✓		
The Arts: Visual Arts	Develop and revisit visual ideas, in response to a variety of motivations, observation, and imagination, supported by the study of artists' works.		✓		
	Describe the ideas their own and others' objects and images communicate.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Ask questions, find evidence, explore simple models, and carry out appropriate investigations to develop simple explanations.	✓	✓	✓	✓
	Explore various aspects of an issue and make decisions about possible actions.	✓	✓	✓	✓
Science: Living World	Ecology: Recognise that living things are suited to their particular habitat.	✓	✓	✓	✓
Science: Physical World	Explore, describe, and represent patterns and trends for everyday examples of physical phenomena.	✓	✓	✓	✓
Science: Material World	Chemistry and society: Relate the observed, characteristic chemical and physical properties of a range of different materials to technological uses and natural processes.	✓	✓		
Social Sciences	Understand how places influence people and people influence places.			✓	✓

NOTE: More achievement objectives may be covered depending on the extension activities chosen.

Level 4 - Curriculum Table

LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Show an increasing understanding of ideas within, across, and beyond texts.		✓	✓	
	Select, develop, and communicate ideas on a range of topics.	✓	✓	✓	✓
	Show an increasing understanding of how language features are used for effect within and across texts.		✓		
The Arts: Visual Arts	Develop and revisit visual ideas, in response to a variety of motivations, observation, and imagination, supported by the study of artists' works.		✓		
	Explore and describe ways in which meanings can be communicated and interpreted in their own and others' work.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Ask questions, find evidence, explore simple models, and carry out appropriate investigations to develop simple explanations.	✓	✓	✓	✓
	Use their growing science knowledge when considering issues of concern to them. Explore various aspects of an issue and make decisions about possible actions.	✓	✓	✓	✓
Science: Living World	Life processes: Recognise that there are life processes common to all living things and that these occur in different ways.	✓	✓		✓
	Ecology: Explain how living things are suited to their particular habitat and how they respond to environmental changes, both natural and human-induced.	✓	✓		✓
Science: Physical World	Explore, describe, and represent patterns and trends for everyday examples of physical phenomena.	✓	✓	✓	✓
Science: Material World	Chemistry and society: Relate the observed, characteristic chemical and physical properties of a range of different materials to technological uses and natural processes.	✓	✓	✓	✓
Social Sciences	Understand how exploration and innovation create opportunities and challenges for people, places, and environments. Understand that events have causes and effects.	✓	✓	✓	✓
	Understand how people participate individually and collectively in response to community challenges.			✓	✓

NOTE: More achievement objectives may be covered depending on the extension activities chosen.

Level 5 - Curriculum Table

LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Show an understanding of ideas within, across, and beyond texts.		✓	✓	
	Select, develop, and communicate purposeful ideas on a range of topics.	✓	✓	✓	✓
	Show an understanding of how language features are used for effect within and across texts.		✓		
The Arts: Visual Arts	Generate, develop, and refine ideas in response to a variety of motivations, including the study of established practice.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Develop and carry out more complex investigations, including using models.	✓	✓	✓	✓
	Develop an understanding of socio-scientific issues by gathering relevant scientific information in order to draw evidence-based conclusions and to take action where appropriate.		✓	✓	✓
Science: Living World	Life processes: Identify the key structural features and functions involved in the life processes of plants and animals.	✓	✓	✓	✓
	Ecology: Investigate the interdependence of living things (including humans) in an ecosystem.	✓	✓	✓	✓
Science: Planet Earth & Beyond	Interacting systems: Investigate how heat from the Sun, the Earth, and human activities is distributed around Earth by the geosphere, hydrosphere, and atmosphere.	✓	✓	✓	✓
	Earth systems: Investigate the composition, structure, and features of the geosphere, hydrosphere, and atmosphere.	✓	✓	✓	✓
Social Sciences	Understand how people's management of resources impacts on environmental and social sustainability.	✓	✓	✓	✓

NOTE: More achievement objectives may be covered depending on the extension activities chosen.

Level 6 - Curriculum Table

LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Show a developed understanding of ideas within, across, and beyond texts.		✓	✓	
	Select, develop, and communicate connected ideas on a range of topics.	✓	✓	✓	✓
	Show a developed understanding of how language features are used for effect within and across texts.		✓		
The Arts: Visual Arts	Generate, develop, and clarify ideas, showing some understanding of established practice.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Develop and carry out more complex investigations, including using models.	✓	✓	✓	✓
	Develop an understanding of socio-scientific issues by gathering relevant scientific information in order to draw evidence-based conclusions and to take action where appropriate.		✓	✓	✓
Science: Living World	Life processes: Relate key structural features and functions to the life processes of plants, animals, and micro-organisms and investigate environmental factors that affect these processes.	✓	✓	✓	✓
	Evolution: Explain the importance of variation within a changing environment.		✓		
Science: Planet Earth & Beyond	Interacting systems: Develop an understanding of how the geosphere, hydrosphere, atmosphere, and biosphere interact to cycle carbon around Earth.	✓	✓	✓	✓
Social Sciences	Understand how people interact with natural and cultural environments and that this interaction has consequences.	✓	✓	✓	✓

NOTE: More achievement objectives may be covered depending on the extension activities chosen.

Level 7 - Curriculum Table

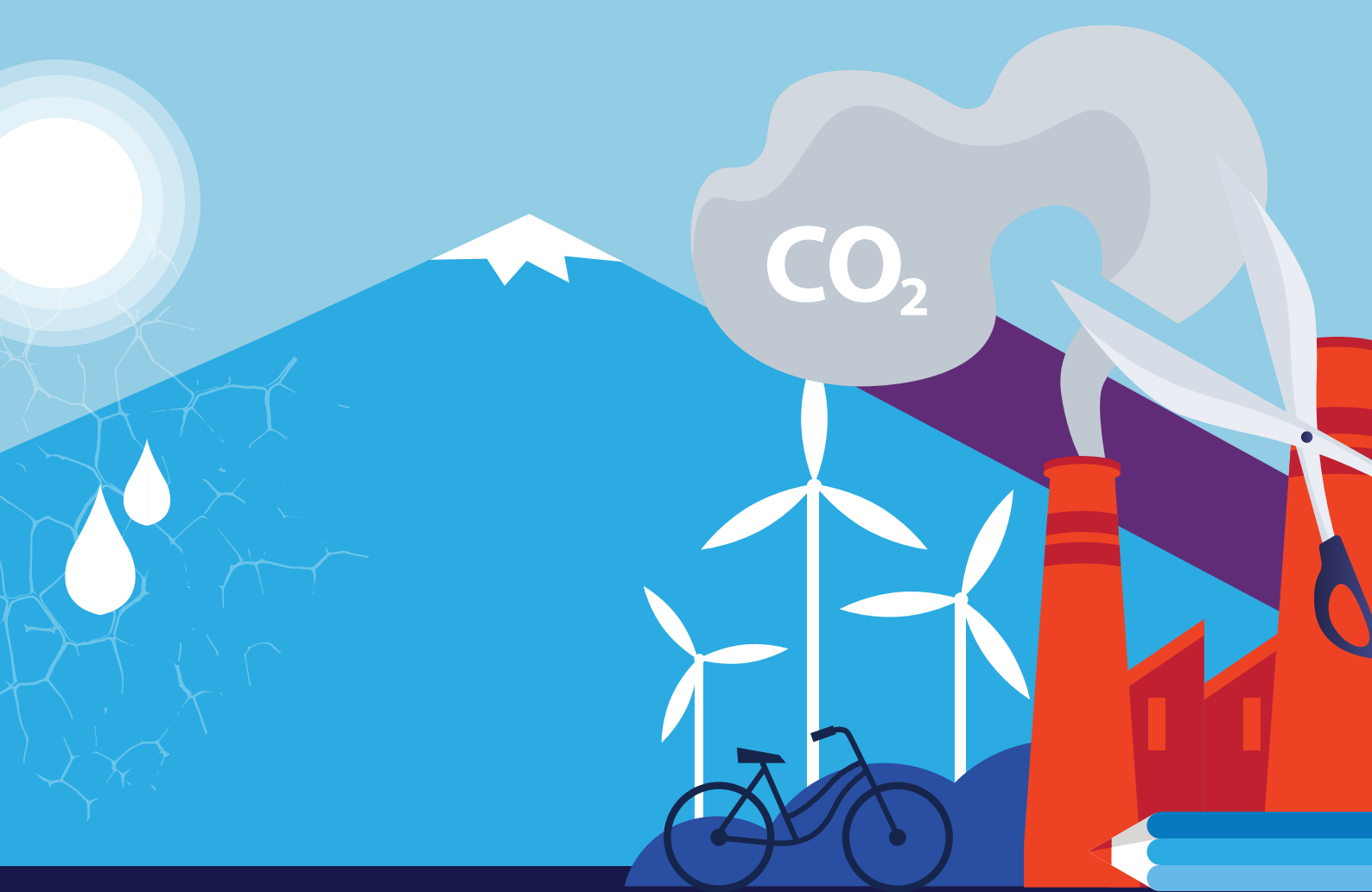
LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Show a discriminating understanding of ideas within, across, and beyond texts.		✓	✓	
	Select, develop, and communicate sustained ideas on a range of topics.	✓	✓	✓	✓
	Show a discriminating understanding of how language features are used for effect within and across texts.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Develop and carry out investigations that extend their science knowledge, including developing their understanding of the relationship between investigations and scientific theories and models.	✓	✓	✓	✓
	Use relevant information to develop a coherent understanding of socio-scientific issues that concern them, to identify possible responses at both personal and societal levels.		✓	✓	✓
Science: Living World	Ecology: Explain how the interaction between ecological factors and natural selection leads to genetic changes within populations.	✓	✓	✓	✓
	Evolution: Explain the importance of variation within a changing environment.		✓		
Science: Planet Earth & Beyond	Interacting systems: Develop an understanding of the causes of natural hazards and their interactions with human activity on Earth.	✓	✓	✓	✓
Science: Material World	Chemistry and society: Apply knowledge of chemistry to explain aspects of the natural world and how chemistry is used in society to meet needs, resolve issues, and develop new technologies.	✓	✓	✓	✓
Social Sciences	Geography: Understand how the processes that shape natural and cultural environments change over time and vary in scale and from place to place.			✓	✓
	Social Studies: Understand how ideologies shape society and that individuals and groups respond differently to these beliefs.			✓	✓

NOTE: More achievement objectives may be covered depending on the extension activities chosen.

Level 8 - Curriculum Table

LEARNING AREA	ACHIEVEMENT OBJECTIVES	WORKSHOP			
		1	2	3	4
English	Show a discriminating and insightful understanding of ideas within, across, and beyond texts.		✓	✓	
	Select, develop, and communicate sustained and insightful ideas on a range of topics.	✓	✓	✓	✓
	Show a discriminating and insightful understanding of how language features are used for effect within and across texts.		✓		
Health & PE: Healthy Communities & Environments	People and the environment: Critically analyse the interrelationships between people, industry, technology and legislation on aspects of environmental health.			✓	✓
Science: Nature of Science	Develop and carry out investigations that extend their science knowledge, including developing their understanding of the relationship between investigations and scientific theories and models.	✓	✓	✓	✓
	Use relevant information to develop a coherent understanding of socio-scientific issues that concern them, to identify possible responses at both personal and societal levels.		✓	✓	✓
Science: Living World	Life processes: Understand the relationship between organisms and their environment.	✓	✓	✓	✓
	Evolution: Explore the evolutionary processes that have resulted in the diversity of life on Earth and appreciate the place and impact of humans within these processes.		✓		
Science: Planet Earth & Beyond	Develop an in-depth understanding of the interrelationship between human activities and the geosphere, hydrosphere, atmosphere, and biosphere over time.	✓	✓	✓	✓
Science: Material World	Chemistry and society: Apply knowledge of chemistry to explain aspects of the natural world and how chemistry is used in society to meet needs, resolve issues, and develop new technologies.	✓	✓	✓	✓
Social Sciences	Geography: Understand how interacting processes shape natural and cultural environments and occur at different rates and on different scales.			✓	✓
	Social studies: Understand how policy changes are influenced by and impact on the rights, roles, and responsibilities of individuals and communities.			✓	✓

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