

## Curriculum Connections:

ST	Science & Technology	ST	Geography	ST	Language	ST	Mathematics
LS	Ecosystems	TI	Environment	RD	Context clues	NN	Numbers 0.001 to 1 000 000
LS	Carbon Cycling	TI	Movement	RD	Facts and fiction	NN	Fractions In halves, thirds, quarters
LS	Biosphere	TI	Interaction	RD	Specialized vocabulary	NN	Divide decimals
LS	Water cycle	TI	Climographs	RD	Italics	NN	Record results of measurements
LS	Role in food chain	PG	Climate patterns and location	RD	Bold type	MM	Record results of measurements
LS	Transfer of energy in food webs	PG	Factors of climate	RD	Graphics	MS	Record results of measurements
LS	Extinction	PG	Effects of natural hazards on humans	RD	Lists	MS	Standard units of time - second, minute, hour, day, week, year, decade, century, millennium
LS	Loss of habitat	PG	Natural vegetation patterns	RD	Short pieces	MS	Standard units of time - second, minute, hour, day, week, year, decade, century, millennium
LS	Impact of technology on environment	PG	Natural vegetation patterns	RD	Interactive Program	MS	Standard units of time - second, minute, hour, day, week, year, decade, century, millennium
EC	Temperature and heat	PG	Hydrosphere	OV	Pictures	MS	Calendar months, seasons
EC	Heat absorption	PG	Lithosphere	OV	Sketches	MS	Calendar months, seasons
EC	Factors affecting temperature change	PG	Atmosphere	OV	Media messages	MS	Thermometer and temperature
EC	Effect of heat on plants and animals	PG	Cryosphere	ML	Conventions of media	MS	Thermometer and temperature
EC	Effect of heat on plants and animals	PG	Biosphere	ML	use charts, videos, props, multimedia to support and enhance oral presentations	MS	Standard units of measure m, cm
EC	Heat and weather effects	PG	Water Cycles	ML	presentations	GS	Two dimensional shapes
EC	Water cycle	PG	Carbon cycle	WR	organize ideas and information to write for an intended purpose and audience	GS	Positional language
EC	Water cycle	PG	Nitrogen cycle	WR	organize ideas and information to write for an intended purpose and audience	GS	Symmetry
EC	Forms of energy	NR	Sustainable development and impact on the environment	WR	draft and revise their writing	PS	Problem solving strategies
EC	Measuring temperature	NR	Sustainable development and impact on the environment	WR	draft and revise their writing	DM	Design survey to collect primary data
EC	Energy conservation	NR	Sustainable development and impact on the environment	WR	draft and revise their writing	DM	Design survey to collect primary data
EC	Transfer of heat in a system	NR	Sustainable development and impact on the environment	WR	draft and revise their writing	DM	Design survey to collect primary data
ES	Geological processes	MG	Latitude and longitude	WR	use editing, proofreading, and publishing skills and strategies	DM	Secondary Sources
ES	Natural environment and technology	NR	Solar, wind, water	WR	use editing, proofreading, and publishing skills and strategies	DM	Census and samples
ES	Natural resources and manufacturing	NR	Forests	WR	knowledge of language conventions, to correct errors, refine expression, and present their work effectively	DM	Record on spreadsheets, frequency tables and tally sheets
ES	Geothermal energy	NR	Fishing	WR	knowledge of language conventions, to correct errors, refine expression, and present their work effectively	DM	Sort and classify data
ES	Land use and the environment	NR	Distribution and use of natural resources	WR	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	DM	Horizontal and vertical bar, circle, pictograph, scatter and stem and leaf plot and intervals
ES	Local landscape features	NR	Impact of technology on natural resources	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	DM	Organize data onto charts and tables
ES	Water cycle and water table	NR	Impact of technology on natural resources	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	DM	Organize data onto charts and tables
ES	Global water distribution and circulation	NR	Sustainable Development	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	DM	Evaluate data in tables, charts, and graphs
ES	Temperature change and convection currents	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	DM	Evaluate data in tables, charts, and graphs
ES	Lake effect on climate	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	DM	Analyze trends
ES	Factors that effect distribution of species	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	DM	Inferences and Arguments
ES	Diversity in fresh water	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	NN	Percents
ES	Diversity in fresh water	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	MS	Record results of measurements in international
ES	Diversity in fresh water	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	MS	SI of time –year
ES	Diversity in fresh water	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	MS	SU of length – cm, metres
ES	Diversity in fresh water	HG	Land use	RS	gather information to support ideas for writing, using a variety of strategies and a wide range of print and electronic resources	MS	SI of temperature -°C