

SCIENCE K-10: AT A GLANCE

	PROCESSES AND SKILLS OF SCIENCE	LIFE SCIENCE	PHYSICAL SCIENCE	EARTH AND SPACE SCIENCE
<u>Kindergarten</u>	<ul style="list-style-type: none"> observing communicating (sharing) 	Characteristics of Living Things	Properties of Objects and Materials	Surroundings
<u>Grade 1</u>	<ul style="list-style-type: none"> communicating (recording) classifying 	Needs of Living Things	Force and Motion	Daily and Seasonal Changes
<u>Grade 2</u>	<ul style="list-style-type: none"> interpreting observations making inferences 	Animal Growth and Changes	Properties of Matter	Air, Water, and Soil
<u>Grade 3</u>	<ul style="list-style-type: none"> questioning measuring and reporting 	Plant Growth and Changes	Materials and Structures	Stars and Planets
<u>Grade 4</u>	<ul style="list-style-type: none"> interpreting data predicting 	Habitats and Communities	Light and Sound	Weather
<u>Grade 5</u>	<ul style="list-style-type: none"> designing experiments fair testing 	Human Body	Forces and Simple Machines	Renewable and Non-Renewable Resources
<u>Grade 6</u>	<ul style="list-style-type: none"> controlling variables scientific problem solving 	Diversity of Life	Electricity	Exploration of Extreme Environments
<u>Grade 7</u>	<ul style="list-style-type: none"> hypothesizing developing models 	Ecosystems	Chemistry	Earth's Crust
<u>Grade 8</u>	<ul style="list-style-type: none"> safety scientific method representing and interpreting scientific information scientific literacy ethical behaviour and cooperative skills application of scientific principles science-related technology 	Cells and Systems	Optics Fluids and Dynamics	Water Systems on Earth
<u>Grade 9</u>		Reproduction	Atoms, Elements, and Compounds Characteristics of Electricity	Space Exploration
Grade 10 effective Sept 2008		Sustainability of Ecosystems	Chemical Reactions and Radioactivity Motion	Energy Transfer in Natural Systems Plate Tectonics