

KORTRIGHT CENTRE SCHOOL PROGRAMS GRADES 1- 8 (SEPTEMBER 2009)

CURRICULUM STRANDS FOR SCIENCE AND TECHNOLOGY

	LIFE SYSTEMS	STRUCTURES, MECHANISMS	MATTER AND ENERGY	EARTH AND SPACE
G1	CHARACTERISTICS AND NEEDS OF LIVING THINGS <ul style="list-style-type: none"> • Bees • Birds/Winter Birds • Characteristics and Needs of Living Things • Growth and Change in Animals • Insects • Mammals • Pond Life • Winter Wildlife 	MATERIALS OBJECTS AND EVERYDAY STRUCTURES	ENERGY IN OUR LIVES <ul style="list-style-type: none"> • Energy In Our Lives 	DAILY AND SEASONAL CHANGES <ul style="list-style-type: none"> • Daily and Seasonal Cycles • Maple Syrup • Snow and Ice
G2	GROWTH AND CHANGE IN ANIMALS <ul style="list-style-type: none"> • Bees • Birds/Winter Birds • Growth and Change in Animals • Insects • Pond Life • Winter Wildlife 	MOVEMENT	PROPERTIES OF LIQUIDS AND SOLIDS <ul style="list-style-type: none"> • Energy In Our Lives • Wind Energy and Kite Flying 	AIR AND WATER IN THE ENVIRONMENT <ul style="list-style-type: none"> • Snow and Ice • Weather • Wind Energy and Kite Flying • Air and Water in the Environment
G3	GROWTH AND CHANGE IN PLANTS <ul style="list-style-type: none"> • Growth and Change in Plants • Maple Syrup 	STRONG, STABLE STRUCTURES	FORCES CAUSING MOVEMENT	SOILS IN THE ENVIRONMENT <ul style="list-style-type: none"> • Soils in the Environment
G4	HABITATS AND COMMUNITIES <ul style="list-style-type: none"> • Backpacking • Endangered Species Conservation • Habitats and Communities • Owl Prowl • Pond Life • Wetland Study 	PULLEYS AND GEARS	LIGHT AND SOUND <ul style="list-style-type: none"> • Solar Electric (Photovoltaics including Model Solar Car demo.) 	ROCKS AND MINERALS <ul style="list-style-type: none"> • Soils in the Environment
G5	HUMAN ORGAN SYSTEMS	FORCES ACTING ON STRUCTURES AND MECHANISMS	PROPERTIES OF AND CHANGES IN MATTER <ul style="list-style-type: none"> • Archetype Sustainable House Tour • Conservation of Energy and Resources • Snow and Ice 	CONSERVATION OF ENERGY AND RESOURCES <ul style="list-style-type: none"> • Archetype Sustainable House Tour • Conservation of Energy and Resources • Go Green • Solar Electric (Photovoltaics including Model Solar Car demo.)
G6	BIODIVERSITY <ul style="list-style-type: none"> • Bees • Biodiversity • Invertebrate Study • Pond Life • Stream Ecology • Wetland Study 	FLIGHT Principles of Flight (Wind Energy, Kite Flying)	ELECTRICITY AND ELECTRICAL DEVICES <ul style="list-style-type: none"> • Archetype Sustainable House Tour • Solar Electric (Photovoltaics including Model Solar Car demo.) 	SPACE
G7	INTERACTIONS IN THE ENVIRONMENT <ul style="list-style-type: none"> • Interactions in the Environment 	FORM AND FUNCTION	PURE SUBSTANCES AND MIXTURES	HEAT IN THE ENVIRONMENT <ul style="list-style-type: none"> • Archetype Sustainable House Tour
G8	CELLS	SYSTEMS IN ACTION	FLUIDS <ul style="list-style-type: none"> • Water Systems 	WATER SYSTEMS <ul style="list-style-type: none"> • Water Systems • Archetype Sustainable House Tour

One page SUMMARY SHEETS are available for all the programs on our website www.trca-education.ca
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