

Curriculum Connections

The Museum's school programs meet many learning objectives for students from preschool through Grade 10/ Cycle 2 (secondary). Profiling how science and technology affect society and the environment, these programs have a unique Canadian perspective, and offer students rich opportunities to explore, discover, and appreciate scientific achievement, with links to curricula in history, the social sciences, and math, as well as science and technology.



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Ontario

Level	Structures and Mechanisms	Matter and Energy	Earth and Space Systems
K	Exploring Objects and Materials	Pushing and Pulling Forces Liquids and Solids	Earth's Daily and Seasonal Cycles
1	Material Objects and Everyday Structures Exploring Objects and Materials Structures and Shapes Curriculum Days Summer Fun Days	Energy in Our Lives Energy and Forces Curriculum Days	Daily and Seasonal Changes Earth's Daily and Seasonal Cycles
2	Movement Science Seesaw and Simple Machines Curriculum Days	Properties of Liquids and Solids Liquids and Solids Curriculum Days Summer Fun Days	Air and Water in the Environment Energy and Forces Liquids and Solids
3	Strong and Stable Structures Structures and Shapes Curriculum Days Summer Fun Days	Forces Causing Movement Pushing and Pulling Forces Energy and Forces Curriculum Days	
4	Pulleys and Gears Pulleys and Gears: Wonderful Machines Curriculum Days Summer Fun Days	Light and Sound Looking at Light Sound Connexions Curriculum Days Summer Fun Days	

Level	Structures and Mechanisms	Matter and Energy	Earth and Space Systems
5	Forces Acting on Structures and Mechanisms Forces Acting on Structures Toying with Science and Technology Show Curriculum Days Summer Fun Days	Properties of and Changes in Matter Toying with Science and Technology Show Properties of and Changes in Matter Summer Fun Days Curriculum Days	Conservation of Energy and Resources Introduction to Electricity The Many Faces of Energy Curriculum Days Summer Fun Days
6	Electricity and Electrical Devices Introduction to Electricity The Many Faces of Energy Curriculum Days		Space Toying with Science and Technology Show Probing the Skies Canadian Inventions and Innovations Curriculum Days Summer Fun Days
7	Form and Function Forces Acting on Structures Toying with Science and Technology Show Canadian Inventions and Innovations Science and Engineering Olympics Summer Fun Days	Pure Substances and Mixtures Substances, Mixtures, and Heat Toying with Science and Technology Show Summer Fun Days	Heat in the Environment Substances, Mixtures, and Heat
8	Systems in Action Toying with Science and Technology Show Canadian Inventions and Innovations	Fluids Toying with Science and Technology Show Amazing Fluids Science and Engineering Olympics Summer Fun Days	Water Systems Amazing Fluids

Level	Chemistry	Physics	Biology	Earth and Space Systems
9	Criminal Science Investigation Science and Engineering Olympics	Electricity: Characteristics and Applications Science and Engineering Olympics	Biotechnology Days	Studying the Universe
10	Criminal Science Investigation Biotechnology Days Science and Engineering Olympics	Science and Engineering Olympics	Biotechnology Days	