

Ontario

Grade 5

- Science and Technology
 - o A. STEM Skills and Connections
 - o A1. STEM Investigation and Communication Skills
 - A1.1 use a scientific research process and associated skills to conduct investigations
 - A1.2 use a scientific experimentation process and associated skills to conduct investigations
 - A1.3 use an engineering design process and associated skills to design, build, and test devices, models, structures, and/or systems
 - A1.5 communicate their findings, using science and technology vocabulary and formats that are appropriate for specific audiences and purposes
 - o A2. Coding and Emerging Technologies
 - A2.2 identify and describe impacts of coding and of emerging technologies on everyday life, including skilled trades
 - o A3. Applications, Connections, and Contributions
 - A3.1 describe practical applications of science and technology concepts in various occupations, including skilled trades, and how these applications address real-world problems
 - A3.2 investigate how science and technology can be used with other subject areas to address real-world problems
 - o B. Life Systems: Human Health and Body Systems
 - o B1. Relating Science and Technology to Our Changing World
 - B1.1 assess effects of a variety of social and environmental factors on human health, and describe ways in which individuals can reduce the harmful effects of these factors and take advantage of those that are beneficial
 - B1.2 evaluate beneficial and harmful effects of various technologies on human health and body systems, while taking different perspectives into consideration
 - B1.3 explain how food literacy can support decisions that affect physical and mental health
 - o D. Structures and Mechanisms: Forces Acting on Structures
 - o D2. Exploring and Understanding Concepts
 - D2.4 describe ways in which physical characteristics of various animal and plant species help to protect them from potentially harmful effects of forces
 - o E. Earth and Space Systems: Conservation of Energy and Resources

- o E1. Relating Science and Technology to Our Changing World
 - E1.2 evaluate effects of various technologies on energy consumption, and describe ways in which individuals can use technology to reduce energy consumption

- Mathematics
 - o E. Spatial Sense
 - o E2. Measurement
 - E2.1 use appropriate metric units to estimate and measure length, area, mass, and capacity

- Social Studies
 - o B. People and Environments: The Role of Government and Responsible Citizenship
 - B1.3 create a plan of action to address an environmental issue of local, provincial/territorial, and/or national significance (food insecurity)
 - B2.1 formulate questions to guide investigations into social and/or environmental issues in Canada from various perspectives, including the perspective of Indigenous peoples and of the level (or levels) of government responsible for addressing the issues
 - B2.5 evaluate evidence and draw conclusions about social and/or environmental issues, outlining the strengths and weaknesses of different perspectives on the issues, including the perspectives of Indigenous peoples and of the level (or levels) of government responsible for addressing the issues