

Ontario

Grade 6

- 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: Biodiversity
 - o B2. Exploring and Understanding Concepts
 - B2.8 describe the importance of biodiversity in supporting agriculture, including Indigenous agriculture around the world
- Health and Physical Education
 - o Strand D: Healthy Living
 - D2.1 apply their knowledge of medical, emotional, practical, and societal factors that influence eating habits and food choices (e.g., allergies and sensitivities, likes and dislikes, feelings of stress, dental health, food availability, media influence, cultural influence of family and friends, school food and beverage policies, environmental impact, cost) to develop personal guidelines for healthier eating
 - D2.2 apply their recognition of internal hunger and thirst cues and their knowledge of physical factors that influence the desire to eat and drink

(e.g., stage of development, growth spurts, level of physical activity, eating larger portions) to develop personal guidelines for healthier eating

- D3.1 explain how healthy eating and active living work together to improve a person's overall physical and mental health and well-being (e.g., both provide more energy and contribute to improved self-concept and body image, greater resistance to disease, and better overall health; both help a person to maintain a weight that is healthy for them) and how the benefits of both can be promoted to others

- Mathematics

- o D. Data
- o D1. Data Literacy
 - D1.2 collect qualitative data and discrete and continuous quantitative data to answer questions of interest about a population, and organize the sets of data as appropriate, including using intervals
- o E. Spatial Sense
- o E2. Measurement
 - E2.1 measure length, area, mass, and capacity using the appropriate metric units, and solve problems that require converting smaller units to larger ones and vice versa

- Social Studies

- o B: People and Environments: Canada's Interactions with the Global Community
 - B2.1 formulate questions to guide investigations into global issues of political, social, economic, and/or environmental importance (e.g., child labour, dwindling oil supplies, ownership of and access to fresh water, climate change, food shortages, refugees, or natural disasters), their impact on the global community, and responses to the issues
 - B2.5 evaluate evidence and draw conclusions about global issues of political, social, economic, and/or environmental importance, their impact on the global community, and responses to the issues