



2016 Education – 17 Programs



Bringing Canada's healthcare story to life!



Select & combine program options to design the perfect in-Museum learning experience for your group! Our dynamic guides adapt all programs to each age and ability!

Funny Bones Ages 3-6 ● 60 mins

Curriculum links: *Inquiry Process and Critical Thinking; Learning Expectations in Language, Mathematics, Science, Health and Social Developments: Specific Expectations in Saying, Doing, and Representing.*

After examining real bones, students learn how bones give our bodies structure and help us move through a special, active story time inspired by the movements of animals. After learning all about fingerprints and skin, students create an animal-themed work of handprint art.

Healthy Teeth, Healthy Me Ages 4-6 ● 60 mins

Curriculum links: *Science and Technology: Strand - Understanding Life Systems; Topics - Grade 1 Needs and Characteristics of Living Things, Developing Investigation and Communication Skills. Kindergarten Language Development and Literacy: Oral Language Development, Personal and Social Development.*

Why are healthy teeth important? Take part in activities that focus on good oral hygiene, learn how to brush and floss, and identify plaque-fighting and -causing foods in a "food frenzy" game. Toothbrushes replace paintbrushes in an imaginative tooth-themed craft.

Reflect & Detect Ages 4-10 ● 20 mins

Curriculum links: *Social Studies: Heritage & Identity: Grade 1 Topic - Our Changing Roles and Responsibilities. Science & Technology: Understanding Structures & Mechanisms: Grade 1 Topic - Materials, Objects Everyday Structures.*

Students discover the tools that were invented and the major changes that occurred in health care between 1800 and 1900. After learning how reflector headbands were used by health care professionals, students create their own personalized reflector headbands.

Construct-a-Skeleton Ages 6-10 ● 20 mins

Curriculum links: *Science & Technology: Understanding Life Systems: Grade 5 Topic - Human organ systems. Health & Physical Education: Healthy Living: Grades 1-8 Topic - Understanding Health Concepts.*

How many bones do we have inside of us? How can we protect our bones and keep them healthy? Students learn about bones and joints and then work in groups to correctly assemble a skeleton.

The Skin You're In Ages 7-10 ● 45 mins

Curriculum links: *Science & Technology: Understanding Life Systems: Grade 2 Topic - Growth and Changes in Animals; Grade 5 Topic - Human Organ Systems. Health & Physical Education: Healthy Living: Grades 1-8 Topic - Making Connections for Healthy Living.*

Did you know that the skin is the largest organ in your body? Participants explore properties of this talented organ and learn about the integumentary systems of animals. Hands-on activities and games include the creation of a personal Braille nameplate!

Yum, Yum, MUNCH! Ages 6-12 ● 120 mins

Curriculum links: *Science & Technology: Understanding Life Systems: Grade 5 Topic - Human Organ Systems. Health & Physical Education: Healthy Living: Grades 1-8 Topics - Healthy Eating, Understanding Health Concepts, Making Connections to Healthy Living.*

Participants will go on a twisty, turny adventure through the digestive system! A series of activities about healthy eating and digestion including the creation of food superheros and an active representation of the digestive system.

Pin the Organ on the Body Ages 6-12 ● 30 mins

Curriculum links: *Science & Technology: Understanding Life Systems: Grade 5 Topic - Human Organ Systems. Understanding Structures & Mechanisms: Grade 7 Topic - Form & Function. Health & Physical Education: Active living: Grades 1-8 Topic - Active Participation.*

A hilarious and wacky introduction to the human body's major organs! After learning about the important jobs our organs do, students play a game to correctly place organs on a funny body of their own creation.

Snot & Whatnot Ages 6-12 ● 30 mins

Curriculum links: *Health & Physical Education: Healthy living: Grades 1-8 Topics - Understanding Health Concepts, Making Connections for Healthy Living. Science & Technology: Understanding Matter & Energy: Grade 5 Topic - Properties of and Changes in Matter.*

A wild, gross-out ride through medical history! After learning about the concept of the four humours, the role of mucus, and how we can control the spread of germs, participants mix up a batch of "snot" and receive a sample to take home!

Health Care in Early Settlers in Upper Canada ○

Grade 3 ● 60 or 90 mins

Curriculum links: *Health & Physical Education: Healthy Living: Grades 1-8 Topics - Understanding Health Concepts, Making Connections for Healthy Living. Social Studies: Heritage & Identity: Grade 3 Topic - Communities in Canada, 1780-1850.*

Hands-on activities stimulate discussion about early health care and surgery in Canada. After a peek inside a doctor's bag from 200 years ago, students create "disease masks" signifying diseases common in Early Settlers in Upper Canada and mix up some Early Settler toothpaste!

Health Care in Medieval Times Grade 4 ● 60 or 90 mins

Curriculum links: *Social Studies: Heritage & Identity: Grade 4 Topic - Early Societies, 3000 BCE-1500 CE. Health & Physical Education: Healthy living: Grades 1-8 Topic - Making Healthy Choices.*

Western medical beliefs and practices were remarkably different 1000 years ago! Learn and play simultaneously with an imaginative role playing game about medieval life and health. Students will also learn about medieval dentistry and make their own Tooth Puller necklace.

Health Care in Early Civilizations ○

Grades 4-5 ● 60 or 90 mins

Curriculum links: *Social Studies: Heritage & Identity: Grade 4 Topic - Early Societies, 3000 BCE-1500 CE. Science & Technology: Understanding Matter & Energy: Grade 5 Topic - Properties of and Changes in Matter.*

Take an eye-opening trip back in time to explore disease, medicine, and health care in Early Civilizations. After an exciting introduction, students create sculptures inspired by Ancient Greek temple offerings and customize a medical papyrus based upon Ancient Egyptian cures.

Medicine, Mystery, and the Macdonalds

Ages 8-12 ● 60 or 90 mins

Curriculum Links: *Science and Technology Understanding Life Systems: Grade 5 Topic - Human Organ Systems. Physical Education Making Connections for Healthy Living: Grade 6 Topic - Personal Safety and Injury Prevention. History Creating Canada, 1850 - 1890: Grade 8 Topic - Understanding Historical Context: Events and their Consequences.*

Explore health care in Victorian Kingston through the medical saga of Sir John A. Macdonald's family, a comparison of modern and historic assistive devices, and hands-on activities based on 19th-century education at Queen's School of Medicine.

Traditional Indigenous Medicine of the ✨

Haudenosaunee and Anishinaabe Grade 5 ● 60 mins

Curriculum links: **Social Studies:** *The Impact of Interactions, Perspectives on Interactions and Significant Characteristics and Interactions: Grade 5 Topic – Heritage and Identity: First Nations and Europeans in New France and Early Canada.*

A hands-on introduction to traditional medicine significant to the Kingston area. Create some “good medicine,” make a personalized Medicine Wheel, and explore the Four Sacred Medicines.

Potions Class Ages 8-12 ● 60 mins

Curriculum links: **Health & Physical Education:** *Healthy Living: Grades 1-8 Topic – Understanding Health Concepts.* **Science & Technology:** *Understanding Matter & Energy: Grade 5 Topic – Properties of and Changes in Matter.*

In 1900, patent medicines distributed by druggists were sometimes harmful. Brew medicinal potions (based upon real recipes!), analyze advertisements used to sell patent medicines at the turn of the century, and create an advertisement for their own patent medicine.

Electrifying Medicine! Grade 6 ● 30, 60, or 90 mins

Curriculum links: **Science and Technology:** *Understanding Matter and Energy: Grade 6 Topic – Electricity and Electrical Devices.*

Ever wondered why a balloon sticks to your hair after rubbing it? Spark your interest in the properties of current and static electricity by looking at their use in medicine from 200 years ago to today. After learning about wacky experiments with current electricity, participants will explore the properties of static electricity with hands-on activities.

The Biology, Control, and Prevention of Waterborne Diseases Grades 7-8 ● 3 hours

Curriculum links: **Science and Technology:** *Interactions in the Environment: Water Systems.* **History:** *Grade 7 Topic – New France & British North America, 1713-1800; Canada, 1800-1850: Conflict & Challenges. Grade 8 Topic – Creating Canada, 1850-1890; Canada 1890-1914: A Changing Society.* **Geography:** *Grade 7 Topic – Physical Patterns in a Changing World; Natural Resources Around the World: Use and Sustainability. Grade 8 Topic – Global Settlement: Patterns & Sustainability; Global Inequalities: Economic Development & Quality of Life.*

What happens when our water is not safe to drink? Through a combination of historical presentations, hands-on activity stations, and guided tours, students explore why controlling outbreaks and providing clean drinking water to people around the world is an important task.

WWI: The Dirty Details of Disease Grades 9-10 ● 60 mins

Curriculum links: **Canadian and World Studies:** *Canada, 1914-1929: Grade 9 Topics – Citizenship and Heritage, Social, Economic, and Political Structures, Change and Continuity.*

Through group detective work participants will learn the importance of historical artefacts. What can primary sources can tell us about health care and medical advancements during World War I?

From Madness to Mental Health

Grade 9 - Adult ● 90 mins

Curriculum links: **Canadian and World Studies:** *Canada, 1914-1929: Grade 9 Topics – Citizenship and Heritage, Social, Economic, and Political Structures, Change and Continuity.*

Historically, people who suffered from mental illness were defined as “mad.” Today we have a better understanding of mental health, however the stigma from our past remains. Students will examine the history of mental illness, its treatment, and ways to combat this stigma by creating their own mental health public service announcement.

DNA at the Dentist Ages 12 to adult ● 30 mins

Curriculum links: **Health & Physical Education:** *Healthy living: Grades 1-8 Topic – Making Connections for Healthy Living.* **Science & Technology:** *Understanding Matter & Energy: Grade 7 Topic – Pure Substances and Mixtures.* **Concepts in Social Studies and Thinking:** *Grades 1-8 Topic – Continuity & Change; Patterns and Trends.*

An exciting introduction to the developments in dental science over the past 200 years followed by a lively discussion about DNA. The program concludes with an experiment wherein DNA is extracted from saliva!

Transformation of the Doctor's Visit ✨

Suitable for adults & seniors ● 45 minutes

How has a doctor's visit changed from the 1800s to today? Explore the history of Canadian health care through hands-on learning, real museum artefacts, and lively discussions. Outreach option available.

What Is It? Suitable for all ages

10-min icebreaker or 30-min activity

Curriculum links: **Social Studies:** *Heritage & Identity: Grade 1 Topic – Our Changing Roles & Responsibilities. Grade 3 Topic – Communities in Canada, 1780-1850.* **Language:** *Oral Communication, Reading.*

It's a bird! It's a plane! No, it's an otoscope! This hands-on artefact identification activity provides an introduction to some of the items in the Museum's collection. Examine mystery artefacts & search for clues to discover how they were used.

Scavenger Hunts Suitable for all ages ● 30 mins

Curriculum links: **Language:** *Oral communication: Grade 1 Topic – Listening to Understand. Reading: Grade 2 Topic – Reading for Meaning.* **Science & Technology:** *Understanding Life Systems: Grade 5 Topic – Human Organ Systems. Understanding Matter & Energy: Grade 5 Topic – Properties of and Changes in Matter.* **Social Studies:** *Heritage & Identity: Grades 1-8 Topics – Early Societies, 3000 BCE-1500 CE, Early Settlements in Upper Canada, Relationships, Rules & Responsibility.*

Our challenging scavenger hunts send students on a quest through the Museum's galleries as they work to complete a skill-testing activity sheet. Self-guided option available.

Gallery Tours Suitable for all ages ● 45 minutes

Step into the rich past of Canadian health care and learn about the artefacts on display in our onsite galleries. This engaging tour illuminates fascinating details about the history of health in Canada. Self-guided option available.

Collections Tours Ages 8 to adult ● 20 minutes

Peg legs, microscopes, and more! Enjoy a special behind-the-scenes look at our basement collection storage facilities, home to one of the largest collections of medical artefacts in Canada.

Classroom Visit:

Healthy Living & Diabetes Grade 8 ● 90 mins

Curriculum links: **Science & Technology:** *Understanding life systems; Topic – Cells.* **Health & Physical Education:** *Healthy living; Topics – Understanding health concepts, making healthy choices, making connections for healthy living.*

It is rare to find a family not affected by Type 2 Diabetes; approximately 1 in 10 Canadians have been diagnosed. Many are also living with pre-diabetes. The first step in control is education. Learn what you can do to either prevent, or live with, this current epidemic of diabetes.

In partnership with: Educators of the Diabetes Education & Management Centre of Hotel Dieu Hospital

Visit www.museumofhealthcare.ca for additional program information and downloadable teacher's kits.



● Classroom kit version available to rent

✨ New for 2016/2017

About Us

The Museum of Health Care offers **hands-on, curriculum-linked** programs and tours for grades K-12 and university classes, summer day camps, and other community groups of all ages. Our programs are led by trained and enthusiastic guides committed to bringing Canada's healthcare story to life for you and your group.

Our goals are:

- to stimulate thinking
- to inspire inquisitiveness and logical enquiry
- to instil a recognition of the importance of health care history
- to encourage participants to make connections to their own lives

The Museum of Health Care is Canada's only museum dedicated to the history of medicine, health and health care. Established in 1991 and with over 40,000 artefacts in our collection, our mission is to preserve material culture and enhance understanding of the history of health care in Canada.

Our Onsite Galleries:

When Medicine Met Science: Highlights major developments in health care in the 1800s. *Until spring 2017.*

Vaccines and Immunization: Explores the importance of vaccinations to the prevention of disease and the ongoing maintenance of community health.

Potions, Pills & Prescriptions: Displays the three turn-of-the-century health care options: home care, the druggist, and the doctor. *Until spring 2017.*

For Service to Humanity - Nursing Education at Kingston General Hospital: Explores the training, work, and residence life of those who attended the KGH School of Nursing (1886-1974).

Electricity & the Invisible Ray: Focuses on the influence of electricity and X-ray on health care in Canada at the turn of the 20th century.

A Stubborn Illness -The Health of the Macdonald Family: Explores the ailments and treatments of the Macdonalds, as well as the development of health care in Kingston. *Until spring 2017.*

Trench Menders - Health Care in the First World War: Explores the new challenges WWI of war and related developments in medicine, nursing, and dentistry.

The Skin You're In: Hands-on exhibition in the Children's Gallery about the talented organ that covers you from head to toe.

Booking A Visit

To schedule a program or receive more information, please call us at 613-548-2419, e-mail info@museumofhealthcare.ca, or complete the online form on our website.

When booking, please provide the following information: Grade or Ages ● Group size ● Preferred Date & Time ● Desired program option(s) ● School/Organization ● Your name, e-mail address, phone number (& best time to call)

Fees & Payment Options

Programs in Museum: \$3/participant (free for group leaders)

Classroom visit for Healthy Living & Diabetes program: By donation

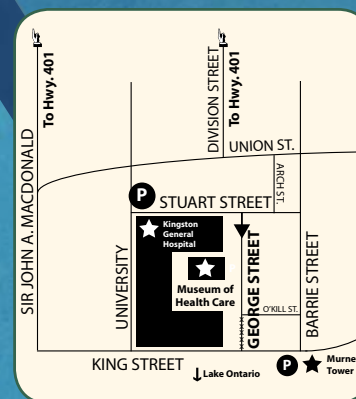
Outreach visits to seniors groups: \$3/participant (June-August only. Limited by location. Additional fees may apply. Please contact us for details.)

Self-guided Museum visits: By donation

Cash, cheque, and credit card payments can be accepted..

<https://www.museumofhealthcare.ca/donate.html>

Planning A Visit



**Ann Baillie Building
National Historic Site
32 George Street
Kingston, ON K7L 2V7**

Charitable # 87790 3989 RR0001

FALL/WINTER/SPRING:
TUESDAY - FRIDAY, 10 AM - 4 PM

SUMMER:
TUESDAY - SUNDAY, 10 AM - 4 PM

Located just steps away from City Park, adjacent to KGH & Queen's University.

Museum of Health Care 16/17 Program Supporters

Anna & Edward C. Churchill Foundation
Faculty of Health Sciences, Queen's University
The Community Foundation for Kingston & Area
Government of Ontario

FOR DETAILED INFORMATION ABOUT OUR PROGRAMS & EDUCATION RESOURCES:

www.museumofhealthcare.ca