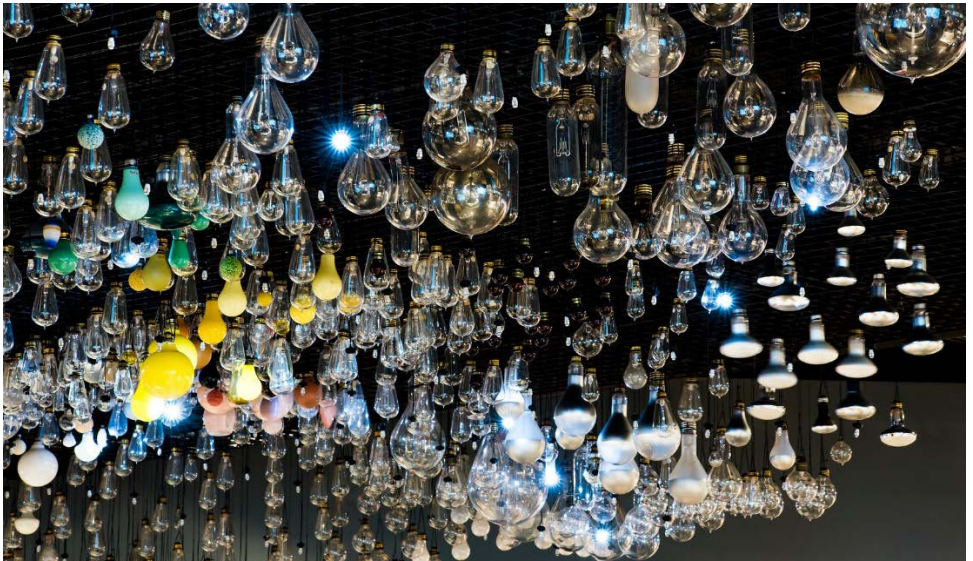
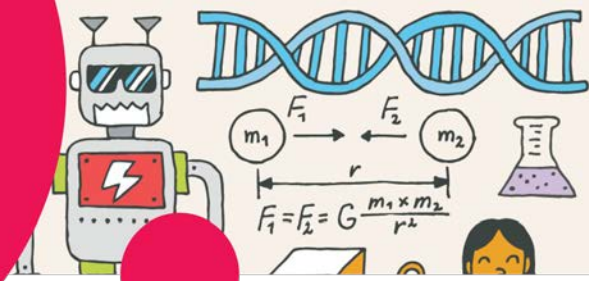


ELECTRI-CITY



MUSEUM MISSION

Your mission, should you choose to accept, is to explore the museum and gain as much knowledge as possible!



Exhibitions

Artifact Alley

Stroll through interactive displays and over 700 artifacts.

A Into the Great Outdoors

See how people use technology to get outdoors and experience Canada.

B Steam: A World in Motion

Explore a time when steam made Canada—and the world—go round.

C Sound by Design

Hear and see what happens when sound meets design.

D From Earth to Us

Explore how we transform natural resources to make the everyday things in our lives.

Crazy Kitchen +

Challenge your perceptions and experience illusions that play with your senses.

E Medical Sensations

Explore the world of medicine through the five senses.

F Hidden Worlds

Engage with microscopes, telescopes, and digital interactives to explore worlds beyond our reach.

G ZOOM (ages 0-8)

A hands-on space where children can imagine, build, test, try...and try again!

H Wearable Tech

Discover a range of innovative technologies designed for the body.

I Technology in Our Lives

See the gadgets, tools, and appliances that shape our lives.

Explorek

A tinkering space dedicated to learning by doing.

Electricity Games

Exhibit – Artifact Alley – Smartphone (Very back of the alley around the corner of the last case)



Find the Electriquiz game; it uses circuits to function. What do you **think** is used as the power source?

In this game you touch the contacts to the correct question and answer and the light will flash! How do you **think** the circuits in this game are connected? Using lines complete the circuit below:



QUESTION



CORRECT
ANSWER

Energy Consumption

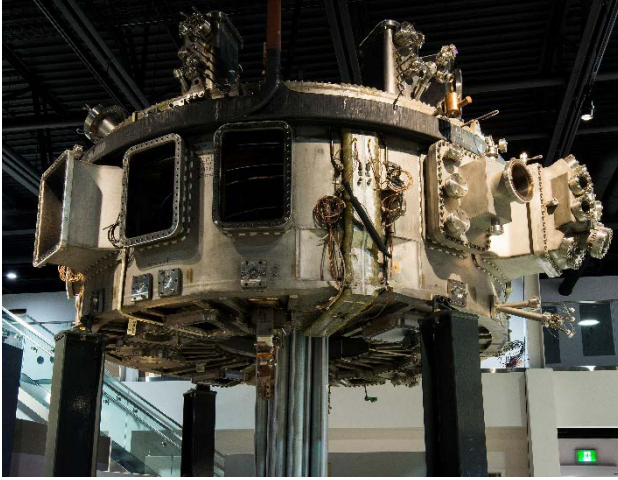
Exhibit - From Earth to Us – Barbie House



Find as many items as you can in the Barbie house that use electricity and list them below.

Energy Sources

Exhibit - From Earth to Us



Find an energy source and list a benefit you think it has.

Energy source _____

Benefit:

Can you build a dam at the hydro interactive? **Think:** What is one way dams affect the surrounding environment when they are built?

Energy Consumption

Exhibit - From Earth to Us – Energy Street



Find Ottawa on the energy map interactive. What is one way electricity is generated near us?

Is it the same as those found near Iqaluit?

Think: Across Canada what do you notice about the locations where wind power is popular?

Energy Consumption

Exhibit - From Earth to Us – Energy Street



Find the electrical device that uses the most electricity and list it below.

1.

Think: What are two things you could do in your home to try and conserve energy?

1.

2.

Energy Conservation

Exhibit – Technology in Our Lives – Tiny House



Find two things that would help with energy conservation in the tiny house and list them below.

1.

2.

Think: Would you like living in a tiny house? Why or why not?

Energy Consumption

Exhibit – Technology in Our Lives – Modern Moves



Find the Smart Home interactive. Pick the type of house you would like to live in. Write down 2 examples of things in your home that would help you conserve energy if they took advantage of smart home technology.

1.

2.

Can you **think** of a negative effect of having your home connected to smart home technology?

Household Appliances

Exhibit – Technology in Our Lives



Think: Why are refrigerators among the appliances in our homes that use the most energy?

Listen to the conversation between the old and new washing machines. Which do you think gets clothes cleaner? Which uses more energy?