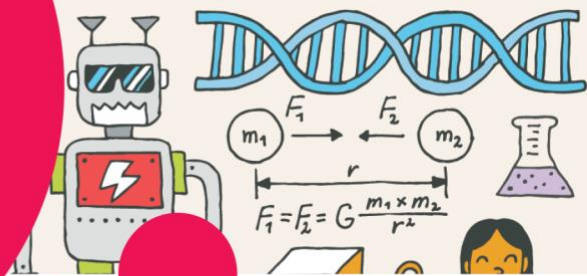


EVERYDAY ENERGY



MUSEUM MISSION

Grades: 1 / Elementary Cycle 2

Your mission, should you choose to accept it, 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.

Exploretek

A tinkering space dedicated to learning by doing.

Everyday Energy

Throughout the museum

If you could drive any vehicle to school, what would you pick? Can you find one in the museum?



Think: What powers the vehicle you chose? Circle one.

Gasoline

Steam

Electricity

Food

Match It Up!

Throughout the museum

Match the artifact with its energy source. **Draw** a line linking each object to the energy source it needs to function.



HitchBOT



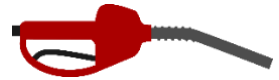
Steam engine



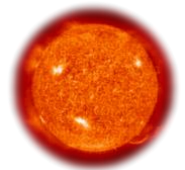
Snowmobile



Coal



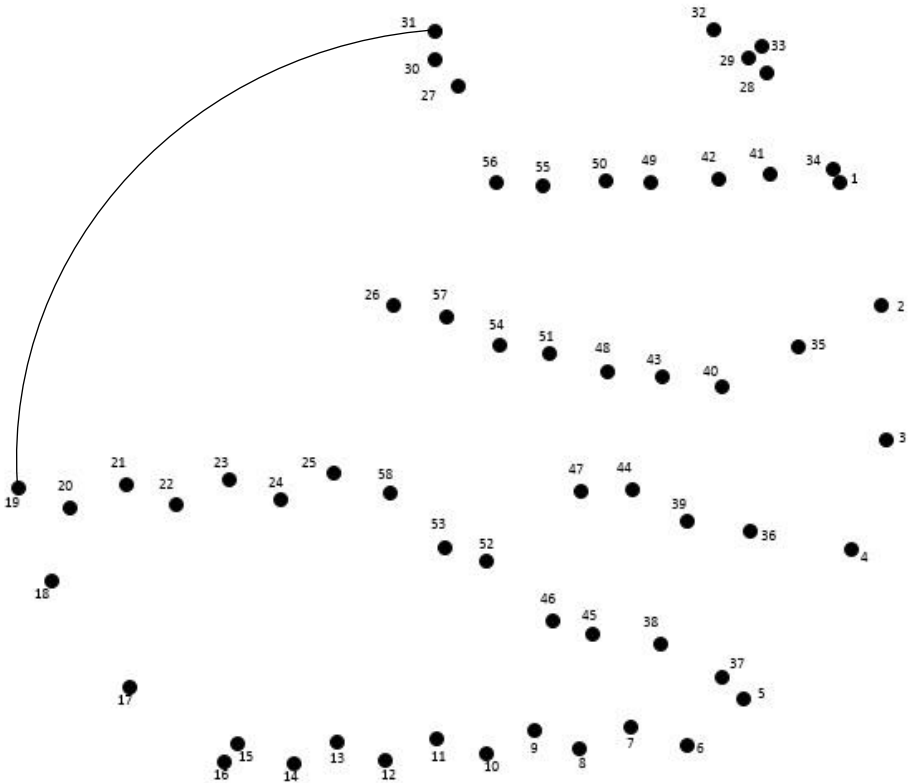
Petroleum



Sun

Find that Energy!

Exhibit – From Earth to Us – Energy Street



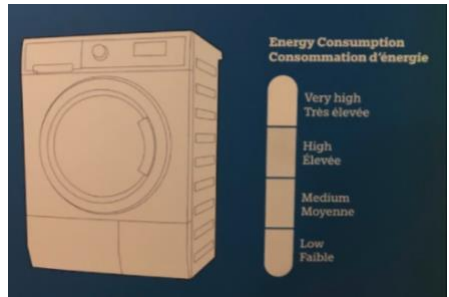
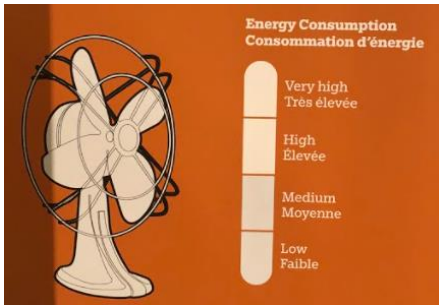
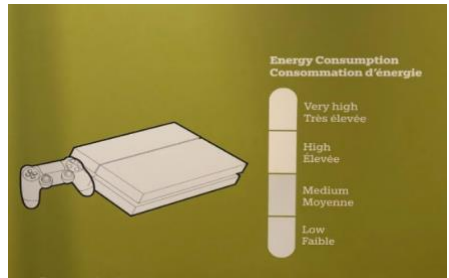
Connect the dots and **find** this icon on a panel on Energy Street. What is this source of energy?

Think: Where would we find this energy source in Canada?

Energy Street

Exhibit – From Earth to Us – Energy St.

Find the different machines that use energy in your house. Colour in the energy consumption bar to show how much each uses. Which one uses the most energy?



Think: How could you use less energy at home?

Energy Wall

Exhibit – From Earth to Us – Energy Street



This is a wall of energy. How many types of energy do you see? Can you circle three?

Think: What types of energy do you use in your home?

- 1) Oil
- 2) Natural gas
- 3) Coal
- 4) Hydro
- 5) Uranium
- 6) Wind
- 7) Sun
- 8) Ocean
- 9) Geothermal heat
- 10) Biomass

Energy Hopscotch

Exhibit – From Earth to Us – Energy Street

Find the energy sources that are powered by the sun. Skip these when you play!



Think: Where do plants get their energy?

Tiny House

Exhibit – Technology in Our Lives – Tiny House



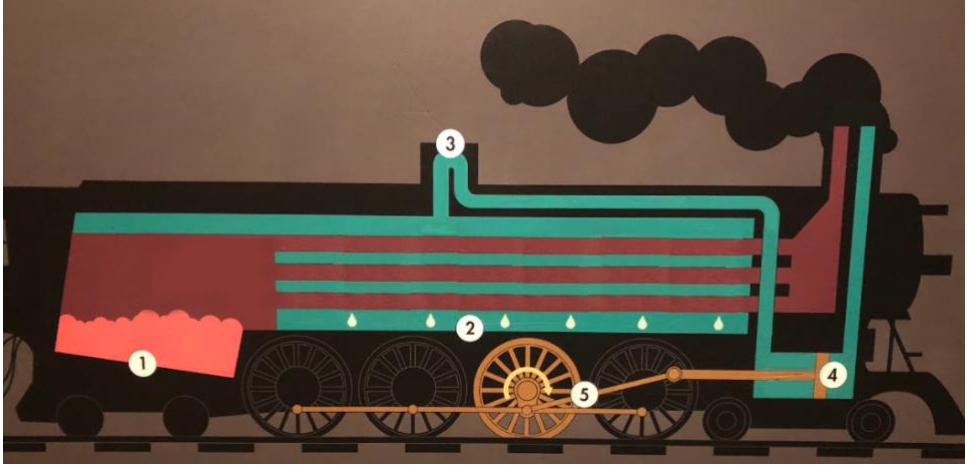
Find and circle everything you see here that uses energy.

Name or draw two things that use energy in your own home but are not pictured here.

Think: How does the Tiny House save energy?

Locomotive

Exhibit – Steam: A World in Motion – CP 3100



Find the panel that explains how steam flows through the locomotive. Draw arrows to show the direction in which it flows.

Think: What other sources of energy could power a locomotive?