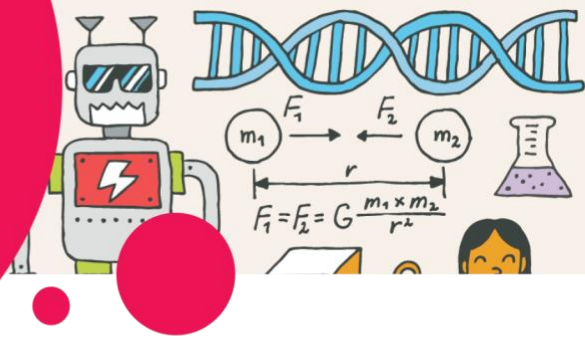


EVERYDAY ENERGY



ANSWER KEY

Everyday Energy (p. 3)

Throughout the museum

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

Answers will vary.

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

(Gasoline, Diesel, Steam, Electricity, Food)

Train: Steam

Snowmobile: Gasoline or diesel

Canoe: Food

Motorcycle: Gasoline or diesel

Car: Gasoline

Match It Up! (p. 4)

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

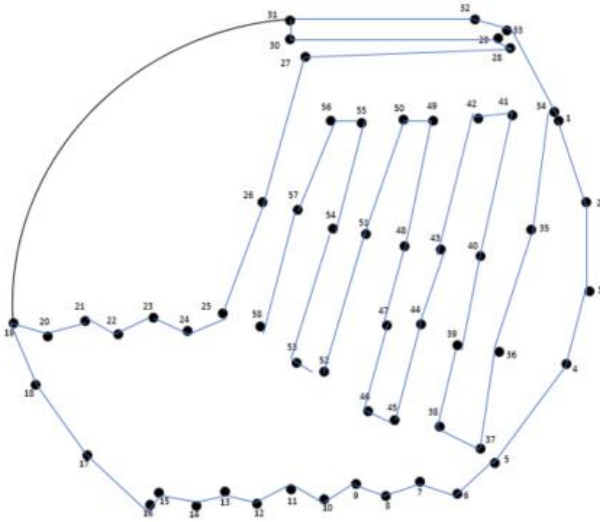


Sun

Find that Energy! (p. 5)

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?



Hydro

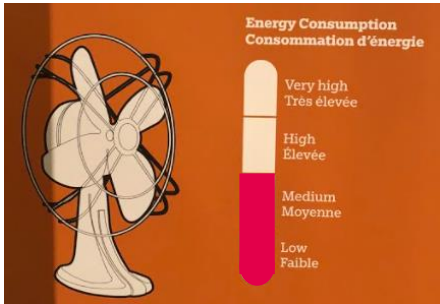
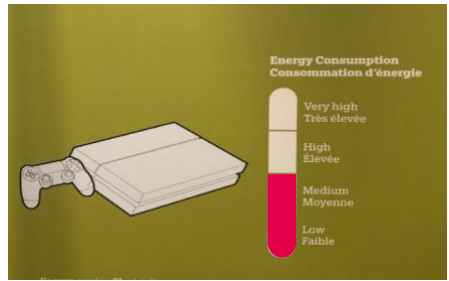
Think: Where would we find this energy source in Canada?

Hydro power comes from waterways all across Canada, except for in the Far North. Much of it comes from southern Ontario, southern Quebec, the Maritimes and the West Coast.

Energy Street (p. 6)

Exhibit – From Earth to Us – Energy Street

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



The washing machine uses the most energy.

Think: How could you use less energy at home?

Answers will vary.

For example: Turn taps off when brushing teeth, turn lights off when leaving room, don't leave appliances plugged in, etc.

Energy Wall (p. 7)

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



Answers will vary. All of the above are correct.

Energy Hopscotch (p. 8)

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?

From the sun



Tiny House (p. 9)

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.



Answers will vary.

For example: Oven, dishwasher, juicer, blender, toaster, etc.

Think: How does the Tiny House save energy?

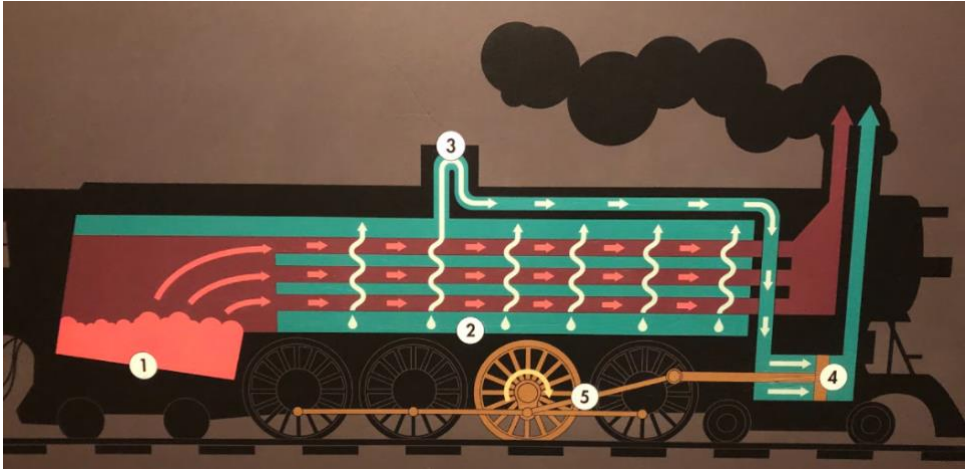
Answers will vary.

For example: It is smaller, it is more efficient, it uses low-flow appliances

Locomotive (p. 10)

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?

Steam (oil, coal, wood), diesel, electricity