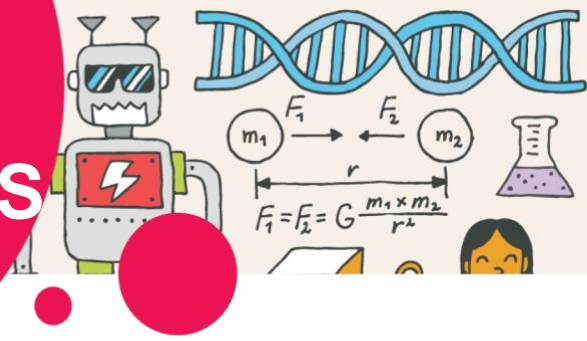


OCEAN EXPLORERS



MUSEUM MISSION

Grades: 6 and 7 / Elementary Cycle 3, Secondary Cycle 1

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.



Crazy Kitchen +

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

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.

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.



Maritime History

Throughout the museum

The museum has a lot of different ships and models of ships. **Find** two of them and answer the following questions:

1. Which two ships did you choose?
2. What was their purpose?
3. In which year were they built, launched, or active?

Think: Ships changed quite a bit over the centuries, during the age of sail and the age of steam. Which of the museum's ships do you **think** would work well as a research ship today?

A Floating Laboratory

Exhibit – Hidden Worlds – HMS *Challenger*



HMS *Challenger* set sail in _____ and was away for three years. **Find** the display of the HMS *Challenger* and list three things that the scientists onboard did during the voyage.

1. _____
2. _____
3. _____

Hint! There may be a book nearby with a few more secrets.

Identifying Marine Life

Exhibit – Hidden Worlds – Sea Wall

Find the wall covered in marine life and, based on the close-up images, identify each of the creatures in the photos.



Think: Can you make a food chain out of the marine life you see on the wall? If not, what's missing?

Marine Measurements

Exhibit – Hidden Worlds – Measuring Tools

Find three measuring tools in this section. Can you name them? What do they measure?



Think: Why would scientists want to collect such measurements?

Into the Depths

Exhibit – Hidden Worlds – Getting a Feel for Scale



The items on this wall have been made large or small so you can feel them. **Find** the one that represents the deepest part of the ocean. What is it called?

Hint! It was named after the ship that discovered it, which is on display near you.

Think: What kind of marine life lives at the bottom of the ocean?

Ahoy!

Exhibit – Steam – Glamour and Grit

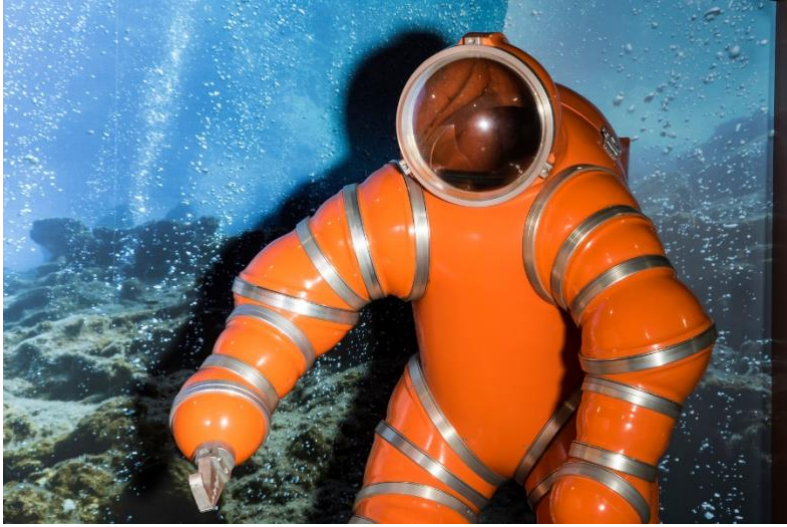


Each of the model ships on display has a story to tell and many of them had more than one purpose. What did the cargo ships carry?

Imagine: You're a member of the crew aboard one of these ships. What is your role? Name the hardest part of the job and the most enjoyable part.

Exploring the Deep

Exhibit – Wearable Tech – Newtsuit



This type of suit maintains atmospheric pressure, keeping divers safe. How deep can a diver go, wearing a Newtsuit?

Find two other pieces of wearable tech that allow people to go under water.

Whale Sounds

Exhibit – Wearable Tech – Marine Sound



Using the headset to the left of the screen, **listen** to the sounds of whales speaking. You may hear a difference between them. How was this recording made?

Think: How else would it be possible to listen to or record whale sounds?