



# Canada Science and Technology Museum

## Museum mission

## Museum mission answer key

Ages 8-12



## Artifact alley

1. Stand on the ice floe. Who comes to visit?

**b. Seal**

2. Find me: I am tall, have two cylinders, and was used to pump gas. What colour am I?

**c. Yellow**

## Steam: a world in motion

3. Name the four locomotives on display:

- **CN6400**
- **CP3100**
- **CP2858**
- **CP926**

4. What kind of engine do they use?

**Steam**

5. Find the Triple Expansion Steam Engine. What was this engine built to power?

**C.P. Edwards Coast Guard Vessel**

## Sound by design

Quiet cube

6. What is the Quiet Cube designed to do?

**d. eliminate echoes**



## From earth to us

Energy: How do we power our lives?

7. Which home appliance uses the most energy?

**Dryer**

8. Which energy sources does Ontario **NOT** have?

Wind

**Coal**

Fossil Fuels

**Tidal**

Solar

## Hidden worlds

9. What animal does this constellation represent?

**Moose**

## Wearable tech

Suit yourself

10. What force of acceleration would require that a person be assessed for a concussion?

**c. 50 gs**

Get connected

11. Who wore the Hexoskin Biometric Shirt?

**Erica Wiebe**

12. Where did she win a gold medal?

**2016 Olympics in Rio, Brazil**



**This lesson plan was produced by the Canada Science and Technology Museum.**

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