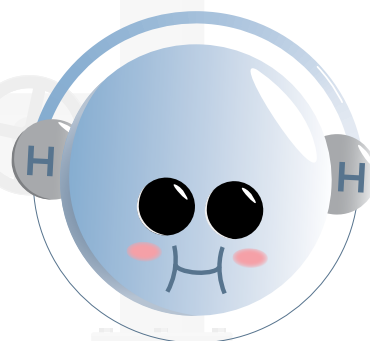




Micro-Lesson #1: Where Does My Tap Water Come From?

Featuring:



"DRIP" THE
WATER DROP!



PIPELINE

Where Does My Tap Water Come From?

Introduction / Objective

Water is the most important natural resource on Earth yet a great deal of people can't answer this question: **Where does your tap water come from?**

Through this micro-lesson, students will explore sources of water in the environment and discover exactly where most people in Hamilton get their tap water.

Activity / Demo	Key Question	Objective
Warm Up Exercise - Water Sources	Where is water found?	Develop an awareness that drinking water comes from a source in the environment
Video #1 - Where Does My Tap Water Come From?	Where in our environment does Hamilton's tap water come from?	Understand that tap water comes from Lake Ontario and its journey from source to tap
Activity #1 - Trip of a Drip	Where in our environment does Hamilton's tap water come from?	Understand that tap water comes from Lake Ontario and its journey from source to tap
Colouring Page #6 - Lake Ontario	Where is Hamilton located on Lake Ontario?	Understand the scale of Lake Ontario
Word Search #3 - Water Places	Where is water found?	Develop an awareness that water can be found in many places in the environment

Warm-up

We use water every single day. We just turn on the tap anytime we need clean water to use. Ask your students if they have ever thought about where that water actually comes from. It must come from somewhere! Indicate that tap water comes from somewhere in our environment.

Have students list (verbal or written) all of the places that we can find water outside in our environment. Ask them to identify which source on their list they think their tap water comes from. Guide or prompt students as necessary (E.g. Do you ever see water when you look out the car window? Where do fish live? etc.)

Each student can create their own list to be compiled into one comprehensive list. Fill in and share any gaps left off of the list. E.g. students may not think of clouds, glaciers, underground sources such as aquifers/wells, etc.

Where Does My Tap Water Come From?

Instruction

Have your students watch the video “Where Does My Tap Water Come From?” to discover the source of their tap water! The video can be found here: <https://youtu.be/vYDZ-1yX9co>

Engage

To identify student understanding, following the video ask your students if they were surprised about where their tap water comes from. What is one thing that happens to the water before it gets to their tap?

Have students complete one or several of the following resource activities below to reinforce the key concepts from the lesson:

Activity 1: Trip of a Drip
Colouring Page #6: Lake Ontario
Word Search #3: Water Places

PIPELINE

Trip of a Drip

Can you help Drip the Water Drop travel from Lake Ontario to your tap?
The water drop has to go by the Water Treatment Plant to get cleaned first before it can get to your tap!



LAKE ONTARIO

START

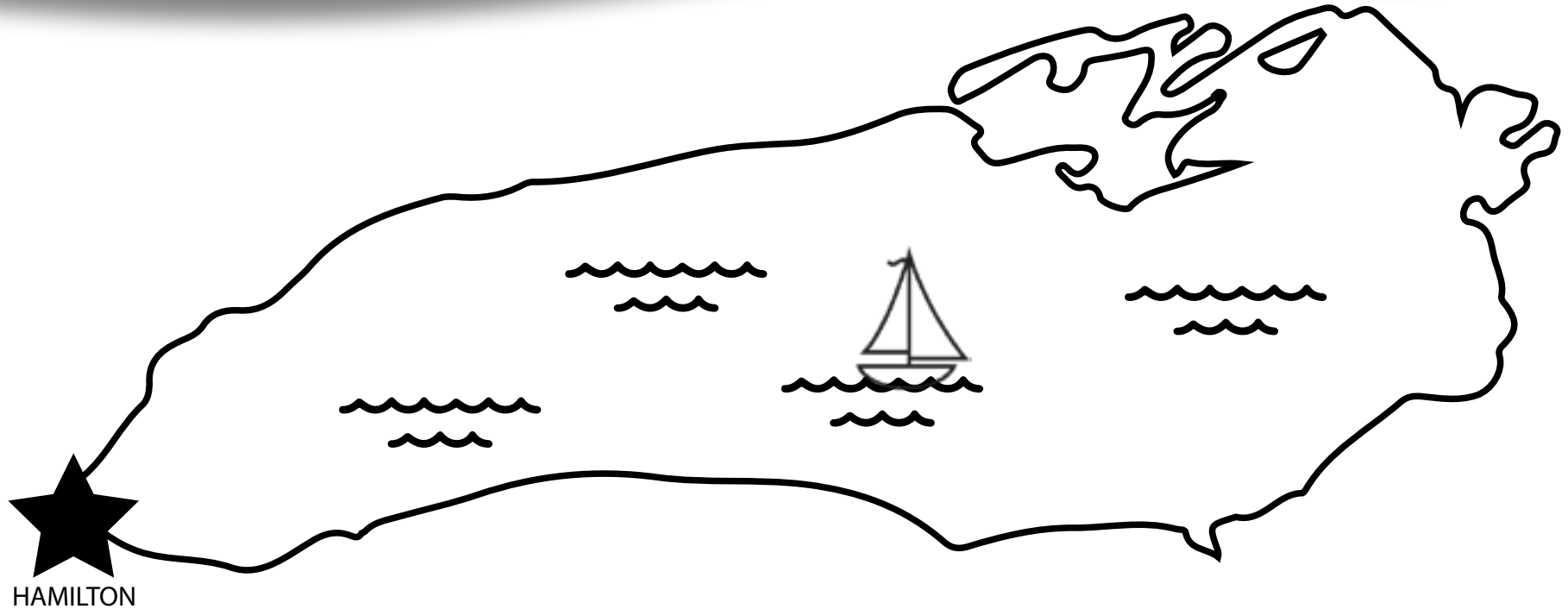
WATER TREATMENT PLANT

FINISH

HOME

Where Does Your Tap Water Come From?

Have you ever thought about where the water from your tap comes from? It goes on a long journey through pipes, pumps and even a water treatment plant to be cleaned before it gets to your tap!

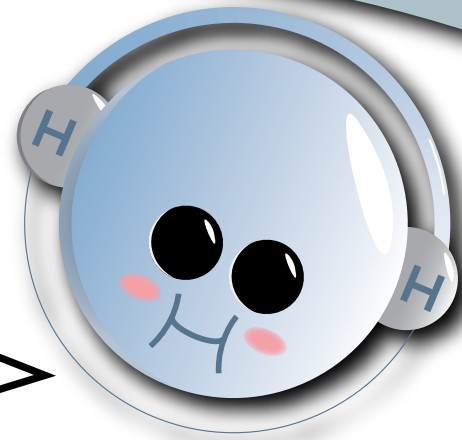


LAKE ONTARIO

Water Word Search #3

Water Places

YOU CAN FIND WATER EVERYWHERE YOU LOOK. CAN YOU FIND SOME OF THESE PLACES IN THE PUZZLE?



LAKE	HARBOUR	F T		
WELL	PUDDLE	W L		
STREAM	RIVER	X G B M	POND	WATERFALL
POOL	OCEAN	U W A U	BAY	RAIN
		H L K Y S Z	SWAMP	TAP
		G J G B B L	RESERVOIR	PIPES
E D H R E S E R V O I R T A L S S H X Z				
H W V R P A O I L R I V E R K J X N I J				
A O G L U V Y P O W E L L Q E I D R				
R Y S D D B M I I Y Z T I A B D				
B A W F D L W P H G Z R O N				
O C A I L J A E W J E O				
B T U G M I E J T S G P S R				
K O T R I P Q K F E K C T E				
W A C D D S Z M N F B R M R E O				
N Z E T S F Y N F F F E F U				
X M L A A S V F Z M A N T X				
J O L N P R M L S W				
Q O X C Q L B K				
P L Q A				