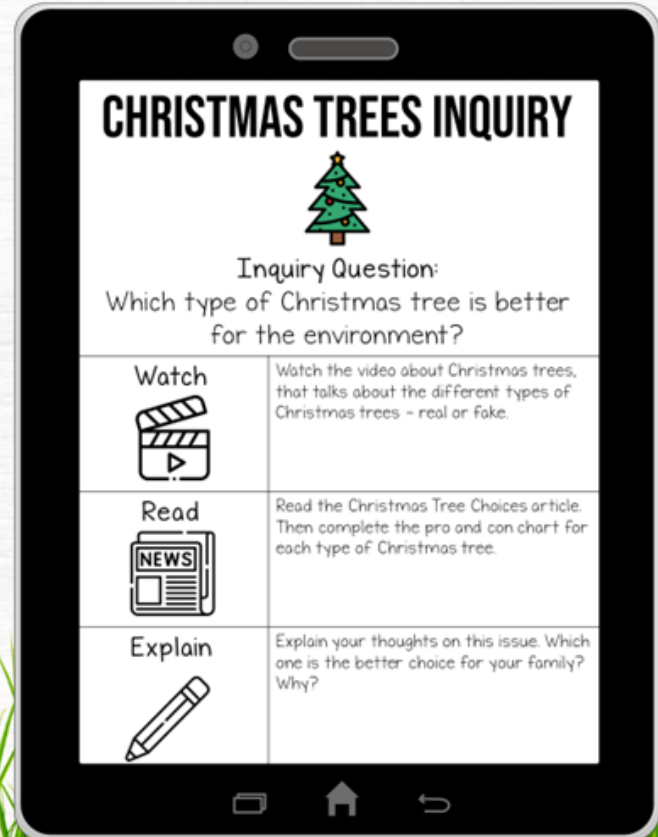


GRADE 7 GEOGRAPHY

Strand A & B Modified Bundle

PDF & DIGITAL FORMATS

- ✓ 27 Lessons
- ✓ MP3 Audio Files
- ✓ Modified Content
- ✓ Hands-On Learning
- ✓ Google Forms™
- ✓ Google Slides™



2 Peas
and a
Dog



2 Peas and a Dog

Middle School Teaching Resources

RESOURCE INCLUDES



- ✓ 27 Engaging Modified Lessons
- ✓ Detailed Lesson Plans
- ✓ Answer Keys
- ✓ MP3 Audio Files of Student Readings
- ✓ Quizzes & Assessment
- ✓ PDF & Google Slides™ Formats

WHAT'S INSIDE?



INTRODUCTION



Canada: A Land of Natural Resources

Lesson Overview:

Students will watch a video to gain background information and insight into the importance of natural resources to the Canadian economy. After watching the video, students will complete a brief activity on the provided worksheets.

Mat

LESSON PLANS

Teacher Instructions:

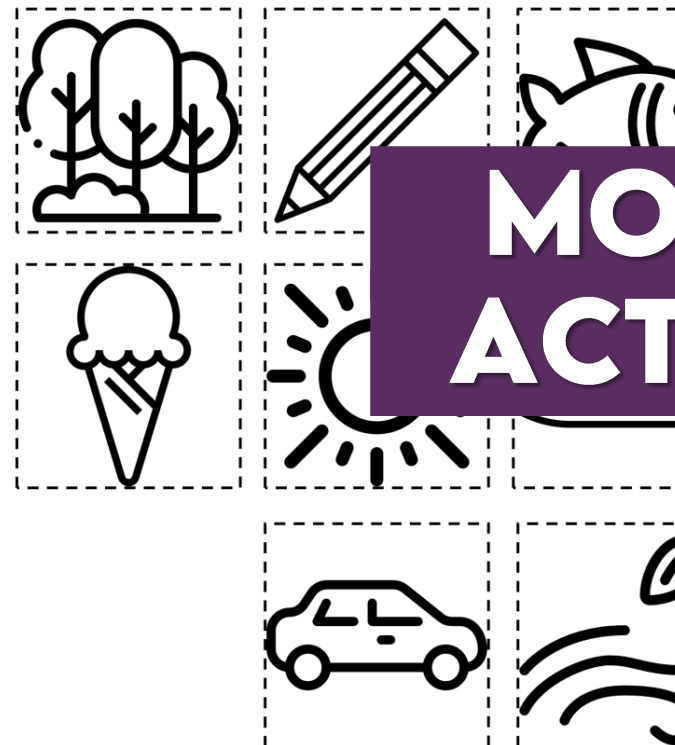
1. Watch the video - "This Land is Your Land".
2. Provide students with a few minutes to discuss the types of natural resources that they saw in the video.
3. Students can complete the graphic organizer by cutting out images of things that they saw in the video and gluing them on the page called "Canada's Natural Resources".
4. Have students reflect on the 4 natural resources shown on the journal page "Which Do I Use the Most?". Students can choose which natural resource they think they use the most in their daily lives. They can either write their ideas or explain orally why they chose the one that they did.

GRAPHIC ORGANIZER:

CANADA'S NATURAL RESOURCES

Instructions:

1. Choose the images below that are examples of natural resources that you saw in the video "This Land is Your Land".
2. Colour them, cut them out, and paste them on the graphic organizer page.


















MODIFIED ACTIVITIES

GLOBAL CLIMATE REGIONS

Climate is a word used to describe the main weather conditions of a place over a long period of time. There are five main climate regions in the world.



Climate Region	Characteristics	
Temperate	<ul style="list-style-type: none"> cold season (winter) 	 
	<ul style="list-style-type: none"> hot season (summer) 	
Polar	<ul style="list-style-type: none"> cold season (winter) 	 
	<ul style="list-style-type: none"> hot season (summer) 	 
Dry	<ul style="list-style-type: none"> cold and dry all year 	 
	<ul style="list-style-type: none"> hot and dry all year 	 
Tropical	<ul style="list-style-type: none"> cold and dry all year 	 
	<ul style="list-style-type: none"> hot and wet all year 	 

WHAT'S INSIDE?



ANSWER KEY

Natural Resource
Examples

Manufactured Goods

Water
Fish
Wind
Gravel
Sand
Tree
Coal

ANSWER KEY

Statement	Write True or False
Many people all over the world drink water from plastic water bottles every day.	True
ALL of the plastic water bottles end up in the recycling bin to be recycled and used again.	False
Big companies are trying to figure out how we get rid of all plastic water bottles.	True
There are people in the world who are trying to come up with new solutions to the problem, like making water bottles that you can eat.	True

ANSWER KEYS

CHRISTMAS TREES INQUIRY



Inquiry Questions
Which type of Christmas tree is the best for the environment?

Watch



Watch the video that talks about Christmas trees.

Explain



Explain your thoughts. Which one is the best? Why?

© http://

WANTED

MODIFIED ASSIGNMENTS

Name of Invasive Species

Country of Origin

Locations in Ontario

WHAT'S INSIDE?



Strand A Lesson Overview

1. Mapping Skills Review & Map of Canada (Cut & Match, Numbered Map)
2. What is Geography (Reading, Cut & Match)
3. Physical Characteristics of Landforms (Reading, Cut & Match)
4. Changes to Landforms (Reading, Sequencing)
5. Quiz (Matching, Fill in the Blanks)
6. Physical Characteristics of Water Systems (Label a Diagram, Create an Image)
7. Changes to Water Systems Inquiry (True or False)
8. Characteristics of Climate Regions (Photo Inquiry, Cut and Match)
9. Climate Change Factors (Reading, Cut and Match)
10. Natural Vegetations Regions (Fill in the Blanks)
11. Changes to Natural Vegetation Regions (Reading, Cut and Match)
12. Invasive Species Assignment (Poster or Slideshow Creation)
13. Challenges and Opportunities Presented by Physical Environments (Reading, Graphic Organizer)

WHAT'S INSIDE?



LESSON #1



Mapping Skills Review

Lesson Overview:

Students will review proper mapping skills and then create their own map of Canada to help reinforce important locations.

Materials Needed:

Reliable technology (internet, computer and projector)

Student-friendly map of Canada

Student-friendly map of Canada

Student-friendly map of Canada

Student-friendly map of Canada

Student-friendly map of Canada

Student-friendly map of Canada

Student-friendly map of Canada

Student-friendly map of Canada

Student-friendly map of Canada

**LESSON
PLANS**

[LeapFrog](http://www.2peasandadog.com)

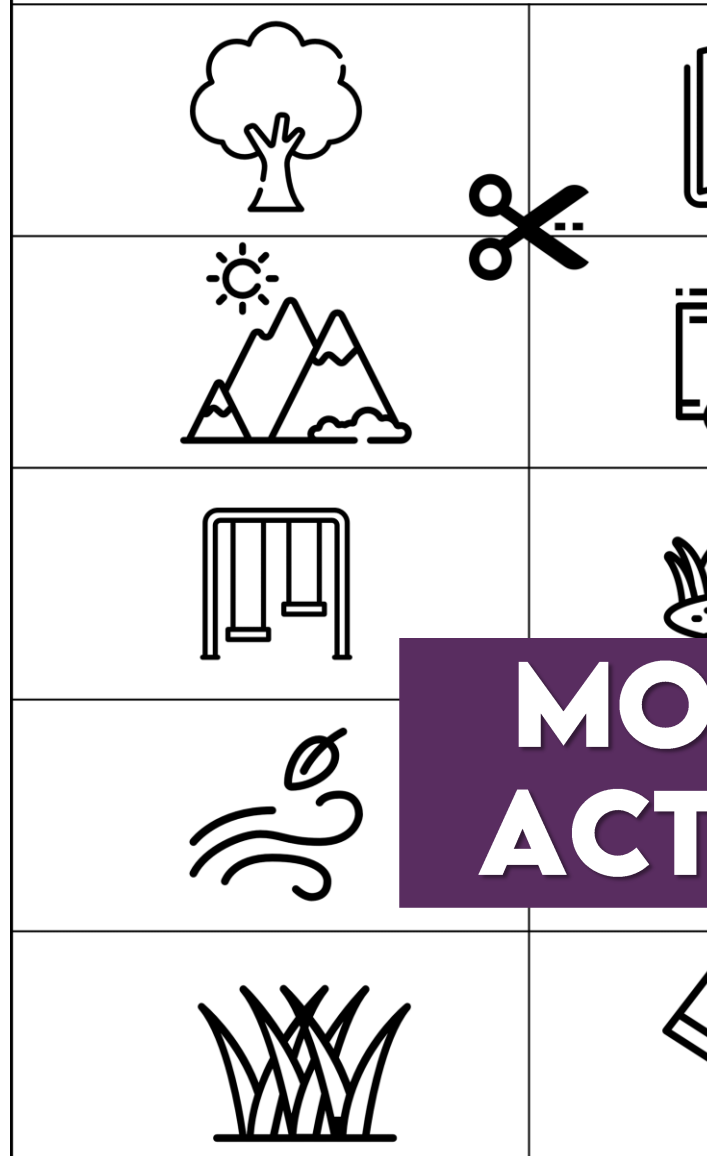
Teacher Instructions:

1. Watch the video [What are Maps? – Learn & Grow Kids Geography Lesson – LeapFrog](http://www.2peasandadog.com).
2. Read the Key Parts of a Map sheet together.
3. Then, complete the Mapping Skills Review sheet by cutting apart the terms and their definitions, and having the student(s) show understanding by matching the terms with their definitions.
4. Once students have successfully matched the terms and definitions, have the students glue the definitions to the Mapping Skills Note sheet.
5. Complete the Map of Canada Assignment by filling in the numbers and blanks on the Map of Canada.

© <http://www.2peasandadog.com>

IS THIS GEOGRAPHY?

Cut out the pictures on this page. Then decide if each picture is or is not an example of geography. Glue your answers on the Yes/No sheet.



IS THIS GEOGRAPHY?

YES

NO

**MODIFIED
ACTIVITIES**

© <http://www.2peasandadog.com>

WHAT'S INSIDE?



MAPPING SKILLS ANSWERS



ANSWER KEY

Statement	Write True or False
Many people all over the world drink water from plastic water bottles every day.	True
ALL of the plastic water bottles end up in the recycling bin to be recycled and used again.	False
we get rid of all plastic water bottles.	False
There are people in the world who are trying to come up with new solutions to the problem, like making water bottles that you can eat.	True

Compass Rose

Title

Key/Legend

Scale

Latitude

Longitude

ANSWER KEYS

BOTTLED WATER INQUIRY



Inquiry Question
Is bottled water bad for the environment?

Watch



Watch the video about bottled water, that talks about the environmental impact of bottled water, including the amount of plastic used in other water systems.

Read



Read the news article about what is wrong with bottled water.

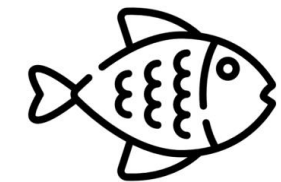


Assignment Requirements

Assignment Requirements

- Picture of the invasive species
- Name of the invasive species
- Country of origin
- Locations in Ontario where it is found.
- An explanation of:
 - How it came to Ontario
 - The problems it causes

INVASIVE SPECIES ASSIGNMENT



1. Choose one of the following invasive species for your project:

- Emerald Ash Borer (insect)
- Purple Loosestrife (plant)
- Zebra Mussel (aquatic life)

MODIFIED ASSIGNMENTS

LESSON 1 & 2



KEY PARTS OF A MAP



A compass rose shows the directions (North, South, East, West).

WHAT IS GEOGRAPHY?

Geography is the study of the earth and its features. Examples: lakes, ponds, rivers, oceans.



MAPPING SKILLS REVIEW & MAP OF CANADA

IS THIS GEOGRAPHY?

Cut out the pictures on this page. Then decide if each picture is or is not an example of geography. Glue your answers on the Yes/No chart.



IS THIS GEOGRAPHY?

YES

NO

WHAT IS GEOGRAPHY



This unit is for classroom teachers who are required to teach the Grade 7 Geography Ontario Curriculum but have students working significantly below grade level in reading, writing, and comprehension.

LESSON 3 & 4



LANDFORMS

Landforms are parts of the earth that have been naturally created.

	Island	An island is a piece of land that is surrounded on all sides by water.
	Hill	A hill is land that is not flat, but is higher than the rest of the land around it.

PHYSICAL CHARACTERISTICS OF LANDFORMS

	Volcano	A volcano is a mountain that erupts and allows hot lava to flow out.
	Desert	A desert is a land area that is very dry and hot, with very little rain.

© <http://www.2peasandadog.com>

CHANGES TO LANDFORMS ACTIVITY

Erosion (water):



1	2	3	4

CHANGES TO LANDFORMS

LESSON 5 & 6





LANDFORMS QUIZ

/12




Name: _____

Instructions:

Match the following landforms with their descriptions by placing the correct letter in front of the landform.

- ___ Mountains  A. A piece of land that is surrounded on all sides by water.
- ___ Hills  B. A mountain that erupts and allows hot lava to flow out.

QUIZ

- ___ Deserts  D. Huge chunks of ice that flow along like a river.
- ___ Glaciers  E. Land that is not flat, but is higher than the rest of the land around it.
- ___ Volcanoes  F. A land that is very dry and hot, and that receives very little rain.

WATER SYSTEMS: OCEANS

Instructions: Cut out the images below. Then create an image that represents each type of current. Glue the images into the correct box to show the difference between a surface current and a deep water current.




Surface Currents

Deep Water Currents

WATER SYSTEMS: RIVERS



Rivers are important for three main reasons:

-  They can be used for transportation routes.
-  They are a water supply.
-  They are a source of food.

As Canada built on or

River Syst tributaries.

- They can ground t
- They ha
- They ha of water like a lake or an ocean.

PHYSICAL CHARACTERISTICS OF WATER SYSTEMS

LESSON 7 & 8



CHANGES TO WATER SYSTEMS



Water systems can be affected by human activities.

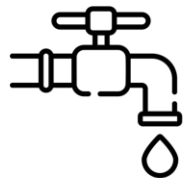
An example of a natural factor that affects water systems is changes in rainfall.

BOTTLED WATER INQUIRY



Inquiry Question:
Is bottled water bad for the environment?

CHANGES TO WATER SYSTEMS INQUIRY



Research



Research about what is happening at the Nestle Bottled Water Plant in Guelph, Ontario, and what concerns people have about its products.

Research the things that are being done to try to remove the problems with using plastic water bottles. For example, some people are trying to create edible water bottles.

GLOBAL CLIMATE REGIONS

Climate is a word used to describe the main weather conditions of a place over a long period of time.

There are five main climate regions in the world.



Climate Region	Characteristics
	<ul style="list-style-type: none"> cold season (winter)

CHARACTERISTICS OF CLIMATE REGIONS






Polar	<ul style="list-style-type: none"> cold and dry all year 	
Dry	<ul style="list-style-type: none"> hot and dry all year 	
Tropical	<ul style="list-style-type: none"> hot and wet all year 	

LESSON 9 & 10



CLIMATE CHANGES

Climate is changed by many different factors. These factors can either be natural or human-related factors.

Natural Climate Factors		Human-Related Climate Factors	
	Latitude The closer you are to the equator, the warmer it gets.		Deforestation When large amounts of trees are cut down it makes a place colder - there is nothing to trap the heat.
	Wind Currents Wind can change temperature.		
	warm and cold currents that can affect temperature in coastal areas.		
	Water Bodies Land that is closer to water is colder.		

CLIMATE CHANGE FACTORS

CHARACTERISTICS OF NATURAL VEGETATION REGIONS

Instructions:
Using the words in the word bank, fill in the blanks using the information from the readings.

Word Bank

NATURAL VEGETATIONS REGIONS

The Boreal forest has a lot of _____ trees.

4. Grasslands are areas of land that have a lot of different kinds of _____. In Canada they are known as the _____.

LESSON 11 & 12



VEGETATION CHANGES

Vegetation patterns can change because of natural or human factors.

Nat

VEGETATION CHANGES: NATURAL OR HUMAN?

Rain or Snow
Vegetation needs rain or snow. If there is not enough water, they will not grow.

Top Soil Erosion
When vegetation is removed, the soil can be washed away. This can cause top soil erosion because the soil is no longer anchored to the Earth.

Latitude
Vegetation also changes depending on the latitude. The further north you go, the colder it gets and the different types of plants and animals that live there.

Deforestation
When humans cut down trees for paper, wood, or other products, they remove the vegetation that provides a home for many animals and plants.

Poor Farming
When farmers use too many pesticides and fertilizers, it can harm the soil and the plants that grow there. This can also harm the animals that live in the area.

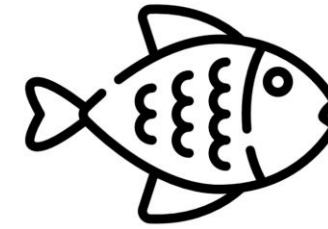
Invasive Species
These are plants, animals, or other organisms that are not native to a certain place. They often spread quickly and can cause problems for the native species.

Natural Factors

Human Factors

CHANGES TO NATURAL VEGETATION REGIONS

INVASIVE SPECIES ASSIGNMENT



- Choose one of the following invasive species for your project:
 - Emerald Ash Borer (insect)
 - Purple Loosestrife (plant)
 - Zebra Mussel (aquatic life)

INVASIVE SPECIES ASSIGNMENT

Assignment Requirements

Poster Requirements:

- Picture of the invasive species
- Name of the invasive species
- Country of origin
- Locations in Ontario where it is found.
- An explanation of:
 - How it came to Ontario
 - The problems it causes

LESSON 13



CHALLENGES AND OPPORTUNITIES PRESENTED BY THE ENVIRONMENT

Everywhere in the world there are different challenges for the people who live there. Stop and think – what might be different about living near the equator compared to living near the North Pole? No matter where they live, people have found ways to live in their environment.

We are going to look at two examples: flood zones and earthquake zones. In each of these, we are going to ask two questions: What is it? and What can be done about it?

CHALLENGES AND OPPORTUNITIES



Natural Event	What Is It?	What Can Be Done About It?
Flood	People live in low-lying areas near large bodies of water, such as rivers, lakes or the sea. In some areas, there is a higher risk of flooding, especially in coastal areas. In some areas, there is a higher risk of flooding, especially in coastal areas. In some areas, there is a higher risk of flooding, especially in coastal areas.	
Earthquake	People live in areas where there are fault lines. There is a risk of earthquakes in these areas. People living in these areas experience earthquakes.	Bad: Older buildings may not be able to handle earthquakes as well as newer ones. Damage may occur to these buildings during an earthquake.

CHALLENGES AND OPPORTUNITIES PRESENTED BY PHYSICAL ENVIRONMENTS

storms?

WHAT'S INSIDE?



Strand B Lesson Overview

1. Introduction: Canada: A Land of Natural Resources (Cut and Match & Journal Entry)
2. Natural Resources and Manufactured Goods (Reading & Cut and Match)
3. Natural Resources in Canada (Reading & Cut and Match)
4. Natural Resources in the World (Reading & Sorting)
5. Needs vs. Wants (Reading & Sorting)
6. Natural Resource Types (Reading, Writing, Sort & Match)
7. Natural Resources Quiz
8. Natural Resource Perspectives (Modified Inquiry)
9. Current Events (Summarizing Skills)
10. Mining Techniques (Reading & Fill in the Blanks)
11. Forestry Techniques (Pictorial Sequencing Assignment)
12. Natural Resource Extraction (Modified Inquiry)
13. Eco-Friendly Energy (Reading & True or False)
14. Personal Plan of Action (Personal Monitoring Project)

INTRODUCTION



GRAPHIC ORGANIZER: CANADA'S NATURAL RESOURCES

Instructions:

1. Choose the images below that are examples of the natural resources that you saw in the video "This Land is Your Land".
2. Colour them, cut them out, and paste them on the graphic organizer page.



CANADA'S NATURAL RESOURCES



Canada is a country that is very rich in natural resource. Trees, water, fish, and rocks are four examples of resources that you saw in the video. Describe which one of these resources you think you use the most out of all of the and what things you use it for.

CANADA: A LAND OF NATURAL RESOURCES

_____ the mo

This unit is for classroom teachers who are required to teach the Grade 7 Geography Ontario Curriculum but have students working significantly below grade level in reading, writing, and comprehension.

LESSON 3 & 4





NATURAL RESOURCES IN THE WORLD SYMBOLS ACTIVITY

Instructions:

On the activity page, under the name of each of these countries, draw the symbols that show which natural resources the country has.

1. The United States
2. France
3. China

NATURAL RESOURCES IN THE WORLD

Forestry	
Hydroelectricity	

NEEDS VS. WANTS



It is human nature to want things. We often want to have the newest video games or the nicest clothes. But we do not need these things to stay alive. It is important to understand the difference between a need and a want.

Needs are things that we cannot live

NEEDS VS. WANTS



things that make our lives easier. Examples: cell phones, cars, computers.

When people want things or need them, it makes them **more valuable**. When they don't want them or need them, they are **less valuable**.

- ✓ People like to have diamonds, and they will pay a lot of money for them. That makes them a valuable resource.
- X Not as many people want the algae that grows at the bottom of the ocean. This means that it is not a valuable resource.

LESSON 5 & 6



NATURAL RESOURCE TYPES



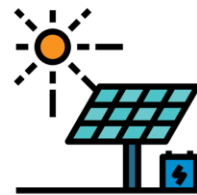
There are three types of natural resources:



Renewable Resources

When you use them, they can grow back again. e.g., When you cut down a tree, you can grow

NATURAL RESOURCE TYPES



Flow Resources

These resources are always available. e.g., Solar power (made from the sun)

NATURAL RESOURCES QUIZ

Part A - What are natural resources? (5 marks)

In front of each of the following, put a ✓ if it is a natural resource, or an ✗ if it is NOT a natural resource.

- _____ a basketball
- _____ a tree
- _____ water
- _____ a hamburger
- _____ oil

Part B - Needs and Wants (4 marks)

NATURAL RESOURCES QUIZ

Part C - Types of Resources (6 marks)

Place each of the words from the word bank under the correct type of resource.

wind coal animals gas water trees

Renewable		
Non Renewable		
Flow		

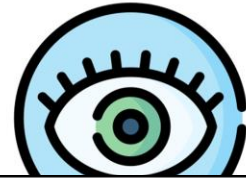
LESSON 7 & 8



NATURAL RESOURCES PERSPECTIVES

What is perspective?

Your perspective is the way that you see something. Because we are not all the same, we don't always see things the same way or have the same opinion about things.



For example, you can have a different perspective on homework.

CHRISTMAS TREE CHOICES

Find two pros and two cons for each type of Christmas tree.

Pros	Cons
Real Christmas Trees	Real Christmas Trees
Fake Christmas Trees	Fake Christmas Trees

Try this!

Watch the video Perspective –

1. What colours did you see?
2. Why do you think that people have different perspectives?

THINKING QUESTION

Assessment	Below Expectations	Meets Expectations	Above Expectations
	✓-	✓	✓+

What was the most interesting thing you learned from this article? Explain.

CURRENT EVENTS

LESSON 9 & 10



MINING TECHNIQUES IN CANADA



Instructions:

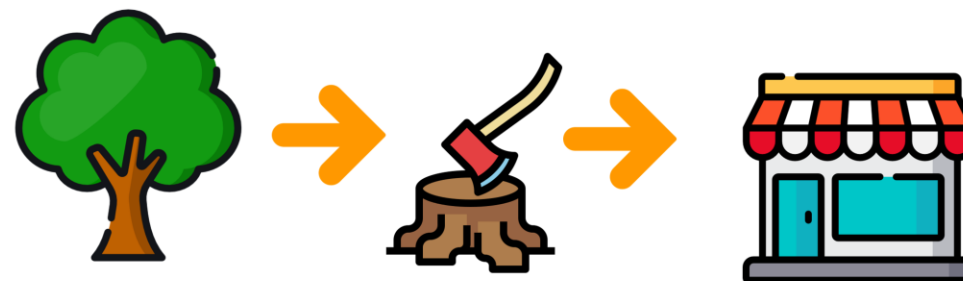
Using the words in the word bank, fill in the blanks to show understanding of the two main types of mining in Canada.

habitats restore minerals elevator

MINING TECHNIQUES

When _____ are found close to the _____ of the earth, an open pit mine is created. A giant _____ is dug into the ground, and often trees are knocked down and even some animal _____ might be damaged. When they are finished, the miners are told to try to _____ the land back to how it was before they started.

PICTORIAL TIMELINE ASSIGNMENT FROM TREE TO STORE



Instructions:

FORESTRY TECHNIQUES

Choose one item that you have found in your school that was made from wood, and create a slideshow using images that show what had to happen to the tree before it became that item that you chose. Hint: Search for "how is _____ made".

Example:

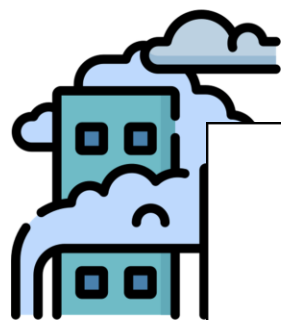
1. Tree is planted in a forest
2. Tree is cut down
3. Logs are made and loaded onto trucks
4. Logs are cut into boards in the processing plant

Find pictures of these steps and create a slideshow that you can show to your classmates.

LESSON 11 & 12



EFFECTS OF NATURAL RESOURCE EXTRACTION



SMOG INQUIRY



Inquiry Question
What is smog? Why is it bad for people and the environment?

Watch

Watch the different videos about Smog. After each video, fill in a part of the

NATURAL RESOURCE EXTRACTION

Explain



Explain your thoughts on this issue. What can you do to help reduce air pollution in the environment? Explain.

ECO-FRIENDLY ENERGY



Read each statement and explain if the statement is true or false by writing true or false in the space next to the statement.

Statement	True or False
It is important to find energy sources that are renewable.	
Wind energy uses roof panels to	
Wind energy comes from the sun.	
Solar energy is renewable.	
Solar energy comes from the ocean.	
Solar energy comes from the sun.	
Solar panels help change energy from the sun into energy that can be used to power home electronics.	

ECO-FRIENDLY ENERGY

LESSON 13



PERSONAL PLAN OF ACTION

21 DAY MAKE-A-DIFFERENCE CHALLENGE

Scientists have figured out that it takes 21 days in a row to create a new habit. Your challenge is to create a new habit that will help save the earth's natural resources.



Possible "New Habit" Ideas:

- ✓ Pack a litter bag and carry it with you every day.
- ✓ Walk, bike, or roller skate to school every day.
- ✓ Use only reusable water bottles - no plastic ones.
- ✓ Pick up litter every day as you walk to school around the schoolyard.
- ✓ Only charge your devices during off-peak hours.
- ✓ Set a timer during your showers and try to decrease your time every day.

PERSONAL PLAN OF ACTION TRACKING SHEET



Circle a thumbs up or down each day to show if you met your goal for that day

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21

**PERSONAL
PLAN OF ACTION**

LESSON FORMATS



PDF

✓ Individual & Whole Unit



DIGITAL

✓ Google Slides

RESOURCE CAN BE USED IN-PERSON OR ONLINE