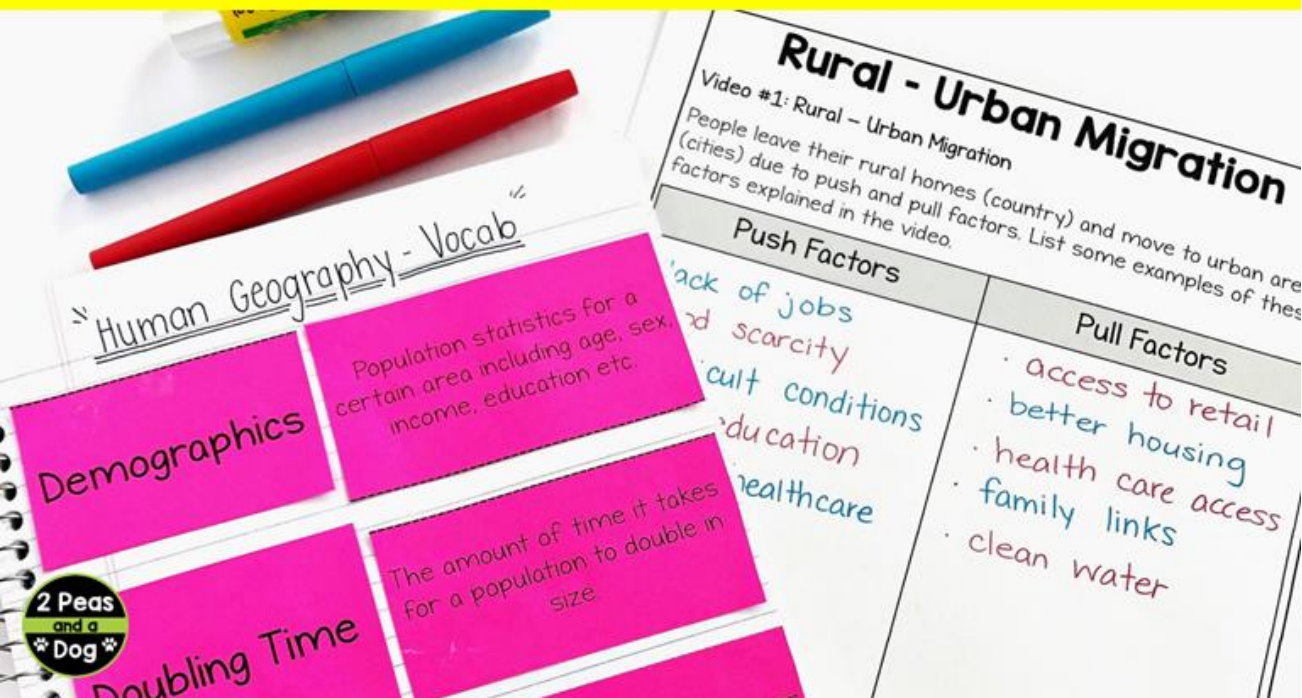


# GRADE 8 GEOGRAPHY STRAND A

**PDF & DIGITAL FORMATS**



  
**2 Peas and a Dog**

Middle School Teaching Resources

## RESOURCE INCLUDES

- ✓ Ontario Curriculum Aligned
- ✓ 18 Engaging Lessons / 301 Pages
- ✓ MP3 Audio Files
- ✓ Daily Lesson Plans
- ✓ Student Choice
- ✓ Inquiry Learning
- ✓ Graphic Organizers
- ✓ Summative Assessments
- ✓ Rubrics & Answer Keys
- ✓ Group & Independent Work
- ✓ PDF & Google Slides™ Formats

# UNIT ORGANIZATION

## Curriculum Chart

Lesson	Lesson Name	Ontario Curriculum
Intro	<a href="#">Why Study Geography? &amp; Vocabulary</a>	Knowledge Building
1	<a href="#">Mapping Skills Review &amp; Map of Canada Assignment</a>	Review
2	<a href="#">What is Geography? &amp; World Map Assignment</a>	A1
3	<a href="#">Spatial Patterns in Human Settlement Part 1</a>	A3.4, A2.6
4	<a href="#">Spatial Patterns in Human Settlement Part 2</a>	A3.1
5	<a href="#">Settlement Factors</a>	A3.2
6	<a href="#">Global Settlement Patterns</a>	A1.1
7	<a href="#">Land Use Case Study: Caledonia, Ontario</a>	A3.3
8	<a href="#">Mid-Unit Test</a>	See Above
9	<a href="#">Trends in Human Settlement</a>	A3.4
9B	<a href="#">Land Reclamation</a>	A3.4
10	<a href="#">Environmental Impact of Human Settlement</a>	A3.5
11	<a href="#">Settlement Issues</a>	A1.2
12	<a href="#">Sustainable Settlements</a>	A3.6
12B	<a href="#">Personal Plan of Action</a>	A3.6
13	<a href="#">Community Sustainability Audit</a>	A1.3, A3.6
14	<a href="#">Land Use Conflicts or</a>	A2.1-A2.6

**CURRICULUM ALIGNMENT**

## Lesson Overview

Lesson	Activity Type	Name	Suggested Length of Time
Intro Part 1 & 2	Partners, Small Group & Class Discussion	Why Study Geography?	1 - 2 Classes
		Geography Vocabulary	
#1	Whole Class Lesson & Independent Assignment	Mapping Skills Review	2 Classes
		Map of Canada Assignment	
#2	Whole Class Lesson & Independent Assignment	What is Geography?	2 Classes
		World Map Assignment	
#3	Whole Class Video & Small Group	Spatial Patterns in Human Settlement Part 1	1 Class
#4	Whole Class Reading & Interactive Notetaking	Spatial Patterns in Human Settlement Part 2	1 - 2 Classes
#5	Small Group & Class Presentations	Settlement Factors	1 - 2 Classes

**DETAILED UNIT PLAN**

## Introduction

### Why Study Geography?

#### Teacher Notes:

- Approximate Time: 20 minutes for discussion, 20 minutes for notes
- Gather materials (sticky notes, markers, pens, pencils) before class

**Whole Class Question:** Why do you think we study geography? Is it important to study geography? Why or why not?

**Student Instructions:** Turn and talk to your seat partner for three minutes and brainstorm some ideas about why it is or is not important to study geography.

**Teacher Instructions:** After you ask the question, wait three minutes, then ask each group to share one opinion. While waiting, write the question on the board with sides for YES and NO. Record student answers on the side that it fits (either yes or no) and discuss their thoughts.

You can make your discussion more interactive by having students record their answers on sticky notes and have them place their answers on the matching side. It is important that students feel geography is an important subject to be taught. Be sure to have lots of ideas on why it IS an important subject that everyone should need to learn.

Once the discussion is over - have students fill out the interactive notetaking organizer with all the reasons why geography is important.

**LESSON PLANS**

# TEACHER FEEDBACK



“This is a great and comprehensive resource. As a first year teacher, new to a division, this resource (and others by this content creator) have saved my butt!”

– Allyson H.



“Seriously...never disappointed with purchased from 2Peas! This is such a fantastic resource – it is current, completely aligned with our curriculum, engaging and includes a variety of tasks and assignments, both student and teacher directed. Thank you for creating such a great resource!” – Nancy D.



“My students loved this resource and the organization of the unit for grade 8 geography. They learned a lot and there’s a lot of engaging lessons to use!” – Emma A.

# WHAT'S INSIDE?



## Geography Vocabulary Word #1



## INTERACTIVE LESSONS



### Community Sustainability Audit



The mayor of your town has hired your team to conduct a community sustainability audit. The audit has three parts:

**Part 1: Community Audit**  
Your team will research your community: transportation, renewable energy options, and educational institutions.

**Part 2: Community Action Plan**  
Once the community sustainability audit has been completed, it is time for your team to make specific recommendations. These recommendations should help your community reduce its carbon footprint and benefit its future. Your recommendations should answer this key question: *What should your community do to make it more environmentally friendly?*

**Part 3: Present Your Findings**  
Create a visual presentation to showcase your recommendations with the mayor (your teacher) and your classmates.

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### Land Use Perspectives

## GROUP WORK

McClung  
Properties  
Land Developers'  
Perspective

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# WHAT'S INSIDE?



## Sample Answers

- It is important to know where things are located in the world - major bodies of water, countries, continents, etc., so that you have background knowledge when reading or watching something.
- Geography helps us understand the world around us (mountains, water, etc.) of the world.
- Studying geography helps us understand how the world has changed over time (mountain ranges, natural resources, etc.).
- This subject helps us understand how the physical environment affects human activities and how human activities affect the physical environment.
- Geography helps us understand how the world is managed and how we can improve it.
- Studying geography helps us understand how the world is changing and how we can adapt to those changes.
- Studying geography helps us understand how the world is different and how we can learn from those differences.
- Studying geography helps us understand how the world is connected and how we can work together to solve problems.
- Studying geography helps us understand how the world is changing and how we can adapt to those changes.
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- Studying geography helps us understand how the world is connected and how we can work together to solve problems.

## SAMPLE ANSWERS

Geography is the study of the physical features and human populations on Earth. Geographers look to see how the physical environment affects, and challenges, human activities.

## SAMPLE ANSWERS

Physical Geography Examples	Brazil
Studying the physical features of a country, such as mountains, rivers, and coastlines, helps us understand how the environment affects human activities.	<ul style="list-style-type: none"> <li>• Made up of five geographic areas that include: forests, river valleys, mountains, wetlands, and rainforests</li> <li>• Natural resource focus is on the production of coffee and cattle, as well as mining</li> <li>• Amazon River areas are a place for settlement, farming, and food production</li> <li>• Drought in some areas of the country has forced people to migrate to new places</li> </ul>
Learning about different climate zones.	<ul style="list-style-type: none"> <li>• Occurred along the coastline due to the arrival of Portuguese explorers</li> <li>• The arrival of Portuguese explorers led to the discovery of Brazil</li> <li>• The discovery of Brazil led to the establishment of a colony</li> <li>• The colony was established in 1500</li> <li>• The colony was established in 1500</li> </ul>
Learning about landforms, rocks, and minerals.	<ul style="list-style-type: none"> <li>• Rural settlement occurs in sand dunes, plains, and on mountain slopes</li> <li>• Urbanization occurred due to the creation of international ports and naval bases</li> <li>• Major issues are lack of available land for recreational use and the constant threat of earthquakes and floods</li> <li>• Only 15% of the land can be used for farming</li> </ul>
	Egypt
	<ul style="list-style-type: none"> <li>• Egypt can be divided into four major areas: the Nile valley and delta, the Eastern Desert, the Western Desert, and the Sinai Peninsula</li> <li>• Delta population is made up of farm owners or farm labourers living off their crop production</li> <li>• Many people live in urban areas (e.g. Cairo)</li> <li>• Much of the settlement occurs along the coast due to the vast interior desert lands</li> <li>• Limited land available for crop production</li> <li>• Major reliance on the Nile River</li> </ul>

**ANSWER KEYS**

### Map of Canada Assignment

← Name: \_\_\_\_\_ →

### Mid Unit Test

Name: \_\_\_\_\_ /25

Define geography. (1 mark)

1) Label and outline in blue the following on a map of Canada:

- Pacific Ocean
- Arctic Ocean
- Atlantic Ocean

2) Label and outline in blue the following on a map of Canada:

- British Columbia
- Alberta
- Saskatchewan
- Manitoba
- Ontario

3) Label and outline in blue the following on a map of Canada:

- Nunavut
- Yukon
- Northwest Territories

### Geography Inquiry Teacher Assessment

Student Name: \_\_\_\_\_ (1 mark)

Topic: \_\_\_\_\_ (1 mark)

Geographical Content Criteria	Level 1	<input type="checkbox"/> Information is inaccurate or incomplete
	Level 2	<input type="checkbox"/> Information is basic and requires more details
	Level 3	<input type="checkbox"/> Information is relevant to the topic
<input type="checkbox"/> Accuracy		
<input type="checkbox"/> Quality of Information		

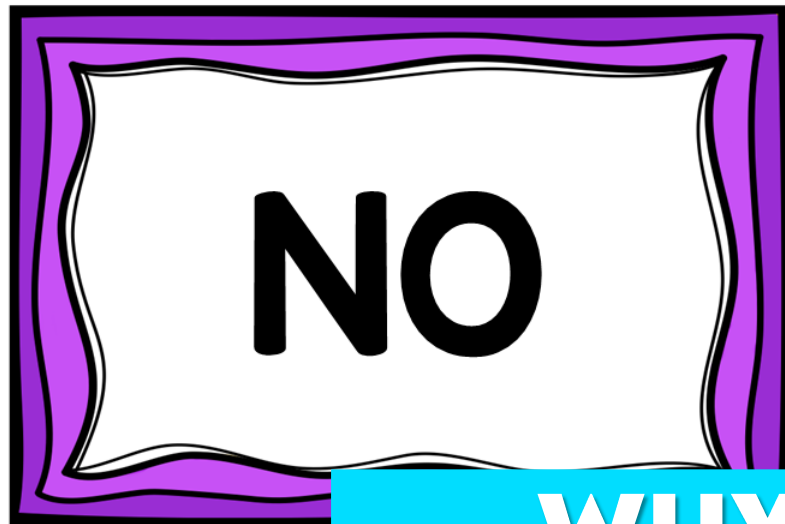
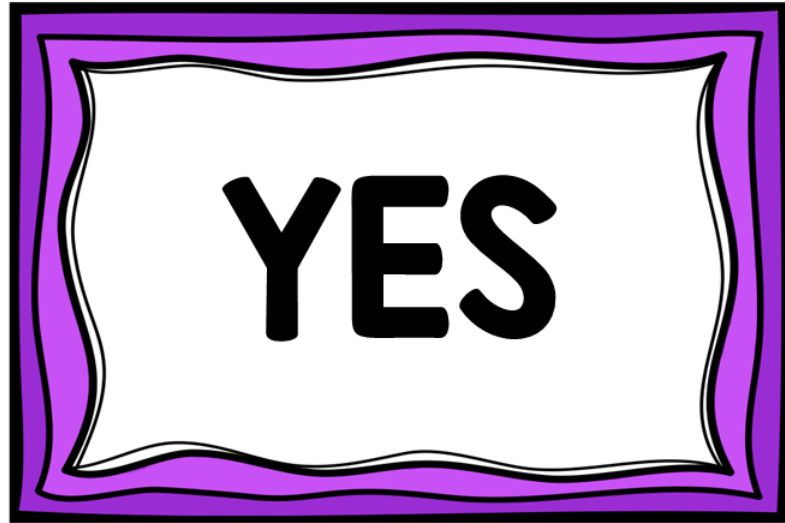
moderate future population growth?

and provide a real

# ASSESSMENT OPTIONS

**RUBRICS INCLUDED**

# INTRODUCTION



**Geography  
Vocabulary Word #1**



## Geography Vocabulary



Vocabulary Word	Definition
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

**WHY STUDY GEOGRAPHY?  
& VOCABULARY**

# LESSON 1 & 2



## Mapping Skills Review

Word Bank	
<input type="checkbox"/> Title	<input type="checkbox"/> Longitude
<input type="checkbox"/> Labels	<input type="checkbox"/> Directions
<input type="checkbox"/> Outline	<input type="checkbox"/> Scale
<input type="checkbox"/> Shade	<input type="checkbox"/> Legend
<input type="checkbox"/> Latitude	<input type="checkbox"/> Blue

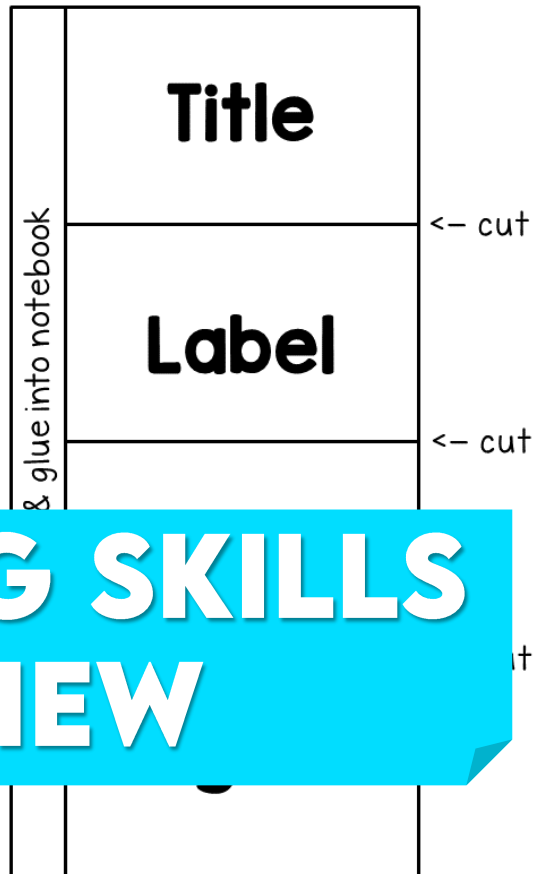
Use the words from the word bank above

1. A compass rose helps people know \_\_\_\_
2. A \_\_\_\_\_ is an important feature of the map.
3. \_\_\_\_\_ identify the different features of the map.
4. \_\_\_\_\_ is the only colour we use to shade a map.
5. The \_\_\_\_\_ provides an explanation of the symbols and colours on a map.
6. The world is divided up by vertical lines called \_\_\_\_\_.
7. The world is divided up by horizontal lines called \_\_\_\_\_.
8. Be sure to \_\_\_\_\_ and \_\_\_\_\_ will look messy.
9. Every map should have a \_\_\_\_\_ between locations.

**BONUS QUESTION:** This line divides the Earth into the Northern and Southern Hemispheres.

## Mapping Skills Note

Have students cut out around the outside edge of the shape, then fold the long flap inside and glue it to their notebook page. After the glue dries, cut along each horizontal line to make tabs.



# MAPPING SKILLS REVIEW

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## What is Geography?



Geography is the study of the physical features and human populations on Earth. Geographers look to see how the physical environment and human actions interact, affect, and change each other.

# Physical Geography

WHAT IS GEOGRAPHY?

# Human Geography

	Human Geography Examples

<http://www.2peasandadog.com>

# LESSON 3 & 4



## Urbanization and the Future of Cities



Explain why population settlements changed over time.

Urban

A place where people create a community to live, work, and play.

Where will most of the population growth occur in the coming years?

Rural

How will cities need to change to accommodate this growth?

Suburban

A settlement where people live in a semi-urban location just outside an urban centre. (e.g., Pickering is a suburb of Toronto).

**PART 1**

Settlement

A settlement where people live away from an urban centre. Often referred to as the "country."

## Population Density



Average number of people who live in a unit of land in a given country. It is calculated by dividing a country's population by its area. A country's population density is divided into one of three categories: sparse, medium, or dense.

## Settlement Patterns



# SPATIAL PATTERNS IN HUMAN SETTLEMENT

Pattern Characteristics

Scattered Settlement Pattern

Clustered Settlement Pattern

Low population density (less than 14 or less people per kilometre<sup>2</sup>). All population in comparison to their land area. Australia, Greenland.

Medium population density (15 - 149 people per kilometre<sup>2</sup>). Medium population size in comparison to their land area. China, South Africa, United States.

High population density (150 or more people per kilometre<sup>2</sup>). All land area in comparison to their large population. Monaco, South Korea.

High population densities usually have more desirable climates. (e.g., Japan) and are rich in resources.

**PART 2**



# LESSON 5 & 6



## Settlement Factors



Why do people live where they do?

Each family makes this personal decision based on their needs, wants, and experiences. There are common factors that influence this decision.



**Environmental Factors:** People want to live in an area that is comfortable. Living in an area with extreme (polar or desert conditions) can make life difficult.

### Favourable Settlement Factors

- Fertile land for agriculture
- Moderate climate
- Access to water
- Access to trade routes
- Climate not too hot or cold
- Population not too large

# SETTLEMENT FACTORS

## Settlement Factors

Settlement Factor	How This Affects Settlement
Agriculture	
Historical	

## Global Settlement Patterns

Country	Settlement Patterns
Brazil	Focus on how climate, vegetation, and natural resources have influenced settlement.

## Brazil Settlement Patterns



Brazil is a large country with geographic areas that provide natural resources for its people.

The five main regions are forests, river valleys, mountains, wetlands, and rainforests. These areas support a variety of plant and animal life and also provide resources for the production of coffee, cattle, and mining.

# GLOBAL SETTLEMENT PATTERNS

How landforms have influenced settlement.

How landforms, climate, and soil types have influenced settlement.

Settlement factors include:

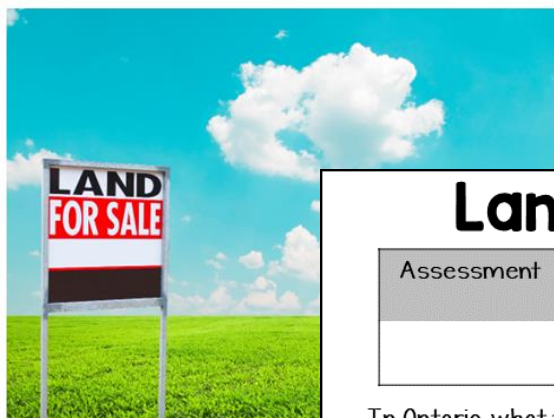
Much of the population has settled along the coastline due to colonization by the Spanish and Portuguese.

While Brazil's geography and resources provide many opportunities for growth, it is important to balance development with the protection of its natural wonders.

# LESSON 7 & 8



## Land Use Perspectives



### Land Use Exit Card

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

In Ontario, what type of land use should be given priority: agriculture, recreation, conservation, or residential usage? Explain why you feel this way.

Developing land for settlement is rare and can create conflict. Land can be used for agriculture, transportation, recreation, and green spaces. Claims by Indigenous groups.

When a group provides a service, people...

In Canada, First Nations and mid-19th century arose due to a new residential development. Unresolved Haudenosaunee Confederacy...

## LAND USE CASE STUDY

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## Mid Unit Test

Name: \_\_\_\_\_ /25

Define geography. (1 mark)

State 1 example of physical geography. (1 mark)

### Lesson #8



### Mid-Unit Test

#### Lesson Overview:

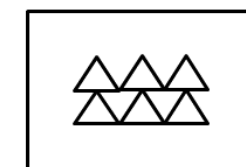
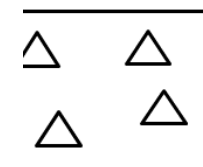
Students will show their knowledge of topics studied throughout the unit.

#### Materials Needed:

- Class set of the "Mid-Unit Test" (photocopy double-sided where possible)
- "Mid-Unit Test" cards

#### Teacher Instructions:

1. Hand out the cards.
2. Set a time limit for the test.
3. Circulate through the classroom as students are writing the test.
4. Make students aware of time intervals during the test (e.g., halfway done, 15 minutes left, 5 minutes, complete).



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# LESSON 9A & 9B



## Rural - Urban Migration



Video #1: Rural-Urban Migration

People leave their rural homes (country) and move to urban areas (cities) due to push and pull factors. List some examples of these factors explained in the video.

Push Factors	Pull Factors
--------------	--------------

### Case Study: Beijing, China

Video #3: Urban Migration for Young Chinese on the Rise

★ Why do young Chinese migrants feel like they do not fit in?

# TRENDS IN HUMAN SETTLEMENT

★ What government practice limits the rights of migrant workers?

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## Land Reclamation



Name: \_\_\_\_\_

Land Reclamation Project: \_\_\_\_\_

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

Positive Things About This Project

Negative Things About This Land Reclamation Project

## Land Reclamation



# LAND RECLAMATION

### Land Reclamation

Land reclamation creates new land in large bodies of water (oceans, rivers, or lakes). This is done by filling a section of the water body with rock or cement, then adding clay or dirt on the top to match the heights of the new and old land areas.

One of the most well-known land reclamation projects is the Palm Islands in Dubai, United Arab Emirates.

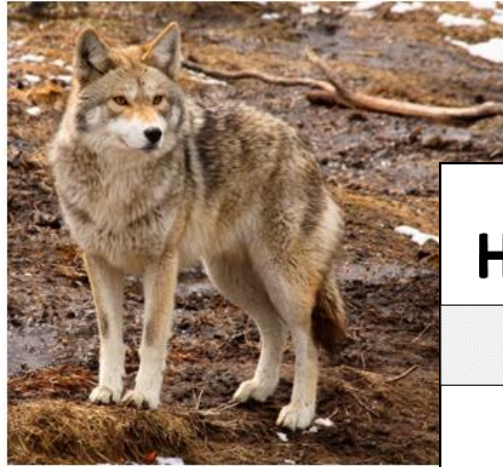
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# LESSON 10 & 11



## Environmental Effects of Human Settlement



Coyote

Another issue occurring in the habitat is the increased occurrence of co-existence. The T. educ. websi these Some route decide winter to migrate across the road to disruption.

© http://



## Environmental Effects of Human Settlement Exit Card

3 New Things I Learned

1 Question I Still Have

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# ENVIRONMENTAL IMPACT OF HUMAN SETTLEMENT

## Video Questions

What If All The Ice Melted On Earth?

1. What are some of the concerns shared about rising sea levels?

# SETTLEMENT ISSUES

2. Which ten areas of the world are in the most danger if sea levels rise six metres?

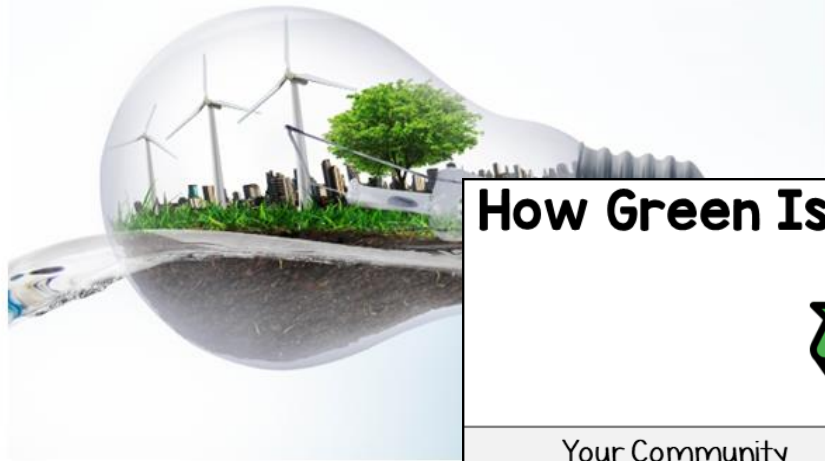
-	-
-	-
-	-
-	-
-	-

2. What are the two reasons for hope?

# LESSON 12A & 12B



## Sustainable Settlements



### How Green Is Your Community?



Your Community

Växjö, Sweden

Settlements are not always sustainable. Human water

When to plan meeting resources and ecosystems of the sustainability, settlements need to d

- Reducing water use
- Recycling
- Composting
- Limiting the construction of used for agriculture
- Using public transit
- Planting and maintaining trees

# SUSTAINABLE SETTLEMENTS

## Personal Plan of Action

My personal plan of action to help preserve the Earth is to

Personal Action Plan

The are:

Steps

Bonus Challenge

Teacher Signature:

Parent/Guardian Signatu

### Week 1 Reflection

Did you meet your goal for the week?

(YES) What did you work on this week to achieve your goal?

(NO) What do you need to work on next week to achieve your goal? Create an action plan.

# PERSONAL PLAN OF ACTION

# LESSON 13 & 14



## Web Resources For Students

### Educational Institutions

- <http://www.ontarioecoschools.org/>
- <http://www.chch.com/first-day-for-new-burlington-school/>

### Energy Efficient Buildings

- <https://www.mec.ca/en/explore/green-buildings>
- [http://leed.ca/gbc.org/LEED/projectprofile\\_EN.aspx](http://leed.ca/gbc.org/LEED/projectprofile_EN.aspx)
- <http://www.passivehouse.ca>

### Waste Management

- <https://greywateraction.org/content/about>

### Recommendation Ideas

- [City of Guelph's Environment website](#)

### Local Information Resources

- Find your local newspaper online and search for articles on energy efficient, LEED, green living, green community, environmental, sustainable, and sustainability.
  - Find your community's official webpage or website (city hall).
  - Look for the website for the region you live in (e.g., if you live in the Halton Region, people in the Region).
  - Find the website for the local government (city hall).
  - Ask your teacher who may know who to contact.
1. L
  2. Y
  3. Y
  4. Y

## Community Sustainability Audit

Category	Examples	Your Community Example(s)
<b>Transportation Options</b>  <input type="checkbox"/> How do people in your community get from place to place?  <input type="checkbox"/> Do they have non-car options?	<ul style="list-style-type: none"> <li>▪ Sidewalks for pedestrians</li> <li>▪ Dedicated bike paths and lanes</li> <li>▪ Carpool parking lots and dedicated lanes on highways</li> <li>▪ Reliable public transportation</li> </ul>	

# COMMUNITY SUSTAINABILITY AUDIT

## Human Geography Inquiry Topics



Topic 1: Land Reclamation  
Netherlands

### Inquiry Notes Organizer

Describe the land use issue or the land reclamation project.

# LAND USE CONFLICTS OR LAND RECLAMATION INQUIRY



# LESSON 15 & ADDITIONAL RESOURCES

## Geography Unit Test

Name: \_\_\_\_\_ Class: \_\_\_\_\_

Why do scientists believe that sea levels are rising? (2 marks)

Explain 2 concerns scientists have about rising sea levels. (4 marks)

# UNIT TEST

## Key Vocabulary

Word	Definition + Example (In your own words)
Geography	Geography is the study of the mountains, trees, water and the humans on the Earth.

# VOCABULARY

# LESSON FORMATS



**PDF**

✓ Individual & Whole Unit



**DIGITAL**

✓ Google Slides

**RESOURCE CAN BE USED IN-PERSON OR ONLINE**