

## Canada Eh? Pre/Post Tests on Canada Using GPS

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**Date:** July 12, 2008

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### Description:

This activity can be used as a pre and/or post-test to assess students' knowledge on Canada's economy, government, history, and culture. Around the school grounds a specified number of *inuksuit* (plural of "inuksuk" and pronounced e-nuk-shweet) will be set up and used for a GPS course. To locate the inuksuit, students will be given different latitudes and longitudes to input into their GPS units. At each inuksuk checkpoint, students answer a multiple-choice question about Canada. Answers will be recorded on a sheet of paper next to the number for that Inuksuk station. The multiple-choice answers are not typical A or B answers. After students have completed the course, their answers will spell out a sentence pertaining to Canada or a group of words associated with Canada.

### Grade Level(s):

Suitable for grades 6-8

### Subjects(s):

Social Studies (Geography & History)

### Duration:

One or Two 45- minute sessions

### Goal:

The goal is assess what students know about Canada before the beginning of the unit and what they have learned about Canada after the unit using GPS.

### Objectives:

The student will:

- Use GPS units to locate Inuksuit
- Show improvement between the pre and post test
- Answer multiple choice items

### Standards:

This lesson meets CO state standard:

Geography 1.2 Students develop knowledge of Earth to locate people, places, and environments.

This lesson meets District #12 standard:

Geography 1.1 Students use maps, globes, and other geographic tools and technologies.

### Background Information:

Before this activity students will have used GPS units so they will be able to work through the inuksuit course effectively. At then end of the unit, students will also have learned about Canadian and U.S. economic relations, government, history and culture and will be assessed separately on those topics.

### **Materials:**

- Laminated pictures of different inuksuit (or build them out of rock), multiple choice questions, and two multiple choice answers (see supplementary materials on pages 3-8 of this document)
- Clipboards (optional)
- GPS units
- Xerox copies of latitude and longitude of each Inuksuk (each group/student gets a different one to start off and move to the next so one group at each place) with code at bottom

### **Procedures:**

1. In groups of two, students should come to get a GPS unit, clipboard and Xerox copy of instructions with latitude and longitude and bottom with blanks and numbers underneath them. This can be done as individual students depending on how many GPS units you have.
2. Tell students they are going to be taking a pre or post-test about Canada using GPS.
3. Have each group look at their copy and instruct them that they will all start with a different latitude and longitude and it will lead them to an Inuksuk station. Only one group may be at each station. At each station they should read the question and write down the answer they believe to be correct.
4. Show students that each station has a number that corresponds to a blank at the bottom of their sheet. They should record the answer to the multiple-choice answer here. Example (\_\_\_C\_\_\_) #7 answer might be C and they should put C above the number 7.  
7
5. When the students finish each station, they should input the next set of latitude and longitude and move to the next station until all the stations are completed.
6. When the students have completed all stations, the blanks at the bottom of their sheet should spell out a sentence for the post-test that could be used as a beginning to an essay question. If it is used as a pre-test, the answers could be things associated with Canada and students must complete what each means and how why it's important to Canada. If the activity is being done as a pre-test, you could have students grade their own pre-test and write down in a notebook the four words associated with Canada.

### **Possible Extension/Wrap-up:**

The pre and post test can be used to show growth. If you do not have enough GPS units but want students to complete the "course" individually, divide aspects of the activity. Students in class could be completing a worksheet while the other students are doing the GPS. Students who finish early during unit activities could create a course of their own on an area they are interested in further researching. SPED students could have some answers filled in and complete some but not all areas. A GPS unit is not necessary as you could also use a compass. You could send students to each area and have them take the latitude and longitude also.

### **Assessment:**

Students are tested as a pre-test on Canada in a fashion that is not typical pen and paper. The questions would be the same for the post-test but the outcome blank at the bottom would have a different answer. Hopefully students will show growth from the pre to the post-test.

### **Additional notes:**

The worksheets that follow include 27 questions selected from *The Washington Times'* Newspapers in Education publication *O' Canada! The True North Strong and Free!* written by Tina Storer and available for downloading at [www.k12studycanada.org](http://www.k12studycanada.org). This excellent source of information would also be used during the core unit of study about Canada.

**The following worksheets are the questions with their answers. You can copy and paste them with larger font to make signs to use on the course.**

- Fill/type the blanks on the worksheets for the latitude, direction and longitude and direction.
- Answer to the pre-test blanks: maple leaf, beaver, inuit, inuksuk.
- Answer to the post-test blanks: Canada, our neighbor to the north.
- An Inuksuk means: substitute for a person. (Inuk=man, suk=substitute).
- These were used by the Inuit people as a type of signage or communication when traveling through the north's rough territory.
- Below are two examples of types of Inuksuit:



<http://www.vickileclair.com/inuksuk4.jpg>



[http://upload.wikimedia.org/wikipedia/commons/thumb/5/52/Niungvaliruluit\\_Foxe-PI\\_2002-07-26.jpg/716px-Niungvaliruluit\\_Foxe-PI\\_2002-07-26.jpg](http://upload.wikimedia.org/wikipedia/commons/thumb/5/52/Niungvaliruluit_Foxe-PI_2002-07-26.jpg/716px-Niungvaliruluit_Foxe-PI_2002-07-26.jpg)

### Pre-Test Questions & Answers

1. In relation to the U.S. population size, the Canadian population is approximately?  
h. one-third  
**i. one-tenth**
2. Which province is the industrial and commercial center of Canada?  
t. Quebec  
k. **Ontario**
3. The province of British Columbia is separated from the rest of Canada by:  
d. Appalachian Mountains  
**a. Rocky Mountains**
4. A province that is not a part of the Atlantic Region is?  
f. **Saskatchewan**  
e. Newfoundland
5. In land area, the largest Canadian province is:  
k. **Quebec**  
r. Alberta
6. The Canadian Shield is:  
c. an award for ice hockey  
n. **large rocky area noted for its minerals**
7. Which city has the most southerly location?  
v. **Toronto, ON**  
o. Seattle, WA
8. The second largest French-speaking city in the world is:  
a. **Montreal**  
o. New Orleans
9. Most Canadians live:  
h. in the province of Ontario  
n. **within 150 miles of the U.S.-Canadian border**
10. Which of the following recording artists is Canadian?  
n. Mandy Moore  
**t. Avril Lavigne**

11. Canadian society differs from the U.S. in that various cultural groups have been encouraged to keep their unique characteristics. This is known as:
  - r. multiculturalism
  - e. regionalism
12. Most of Canadian wheat farming is in:
  - l. Prairie Provinces
  - t. Atlantic Provinces
13. The Canada-United States free trade agreement and NAFTA are important to Canada because they:
  - e. allow companies access to a larger market
  - o. provide better North American defense
14. Which Canadian minority has the last number of people?
  - r. Japanese
  - e. Blacks
15. Canada's major city on the Pacific Rim is:
  - u. Halifax
  - e. Vancouver
16. Most Canadian laws originate with:
  - u. the Prime Minister and Cabinet
  - a. the Opposition
17. A major difference between a Canadian Prime Minister and U.S. President is that:
  - u. a Prime Minister is not elected by the whole country
  - r. A Prime Minister cannot run for re-election
18. The highest law-making authority in the Canadian government is:
  - i. the Senate
  - a. the House of Commons
19. Loyalists were:
  - s. farmers with a French Canadian background
  - h. early Canadian settlers who fled the American Revolution
20. Canadians obtained their own Constitution in:
  - l. the 1980s
  - a. the 1950s
21. The United States' largest trading partner today is:
  - n. Japan
  - i. Canada
22. Which North American sports league does not have a Canadian team?
  - a. National Hockey League
  - i. National Football League
23. The 2010 Winter Olympics will be held in?
  - m. Vancouver
  - n. Calgary
24. Which is NOT a continuing issue between Americans and Canadians?
  - b. language rights
  - t. trade protection
25. What new territory was formed in 1999?
  - o. Greenland
  - u. Nunavut
26. The name "Canada" means?
  - e. village
  - b. land of plenty
27. What is the official emblem of Canada?
  - g. moose
  - p. beaver

Name(s): \_\_\_\_\_

**Pre-Test Worksheet**

Directions: Using the following latitude and longitude and your GPS navigate to each station. Answer the question at each station and write your letter answer in the correct number space below. Only one team at each station is allowed.

- 1. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 2. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 3. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 4. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 5. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 6. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 7. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 8. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 9. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 10. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
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- 13. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
- 14. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
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- 16. \_\_\_\_\_° \_\_\_\_\_, \_\_\_\_\_° \_\_\_\_\_
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23    8    27    20    13                      12    26    18    4

\_\_\_\_\_  
24    14    3    7    15    11

\_\_\_\_\_  
22    6    17    1    10

\_\_\_\_\_  
21    9    25    5    19    16    2

At the end of this unit on Canada you will need to know why these words are important to the study of Canada. When you finish please bring your paper to your teacher.

### Post-Test Questions & Answers

1. In relation to the U.S. population size, the Canadian population is approximately?
  - h. one-tenth
  - i. one-third
2. Which province is the industrial and commercial center of Canada?
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3. The province of British Columbia is separated from the rest of Canada by:
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  - a. Appalachian Mountains
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  - f. Newfoundland
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5. In land area, the largest Canadian province is:
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Use your answer as a topic sentence explaining what you learned about Canada in this unit.