



Collegiate High School CIA Training Academy



Class of 2017

YOUR MISSION

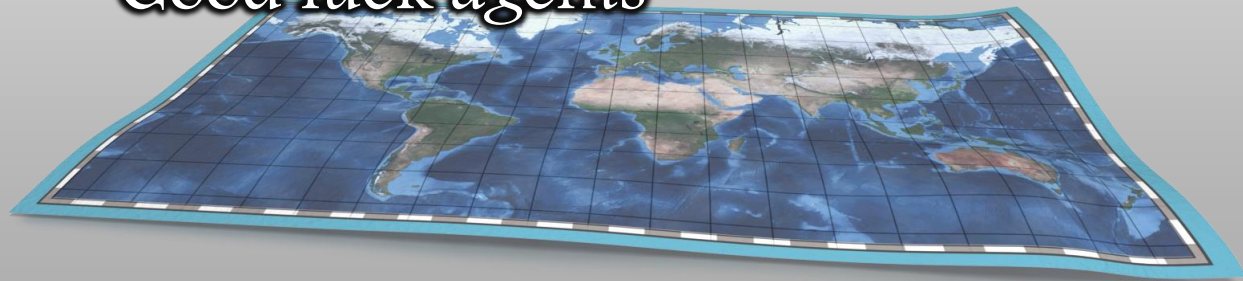
TOP
SECRET

SHOULD YOU CHOOSE TO ACCEPT IT

Today you will continue your training as an Information officer for the Center of Intelligence Agency (CIA).

According to our agents in the region of North America, a petroleum company has experienced a significant oil spill. We need you to acquire information about the region. Once you have completed your analysis, you will be required to identify the exact location of the spill.

Good luck agents



Intelligence Cycle

1. Planning & Direction



2. Collection



3. Processing



4. Analysis and Categorizing



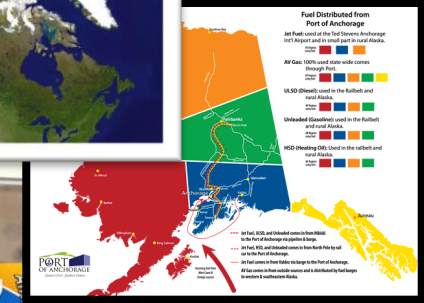
5. Dissemination
(Summarize)



Objectives

- Physical Geography
- Population
- Vegetation
- Climate
- Economic Activity

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CHALLENGE ONE: PHYSICAL GEOGRAPHY

1. Rocky Mountains (45°N, 110°W)	2. Arctic Ocean (80°N, 140°W)	3. Appalachian Mountains (40°N, 77°W)
4. Pacific Ocean (40°N, 130°W)	5. Colorado River (35°N, 115°W)	6. Canadian Shield (55°N, 90°W)
7. Great Plains (45°N, 105°W)	8. Atlantic Ocean (35°N, 70°W)	9. Mississippi River (35°N, 90°W)
10. Great Basin (38°N, 115°W)	11. Mount McKinley (63°N, 151°W)	12. Vancouver Island (50°N, 126°W)
13. Sierra Nevada (38°N, 120°W)	14. Great Lakes (45°N, 83°W)	15. Hudson Bay (60°N, 85°W)



CHALLENGE TWO:

1

What is the largest area in Canada and the United States that is densely populated (over 250 people per square mile)? What are four cities in that area?

2

In which state in the United States can you find *all* of the following climates: arid, semiarid, Mediterranean, highlands, and marine west coast?

3

Which resource is most abundant in Texas, Alaska, and Alberta? Which state or province appears to have the most of that resource?

4

Which four territories and states have both a subarctic and a tundra climate and include land that is both north and south of the Arctic Circle?

5

What is the most common type of vegetation in the central area of southern Canada and the United States? Which country has more land with that type of vegetation?

6

What types of land use occur along both the Pacific Coast and the Atlantic Coast of Canada and the United States?

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CHALLENGE TWO:

7

Which Canadian island has a population density that ranges from under 2 people to as many as 250 people per square mile?

8

Which five lakes together make up the largest body of fresh water in Canada and the United States?

9

Which Canadian provinces or territories are entirely covered in forests? Which kinds of forest are found there?

10

What are ten provinces, territories, and states that the Rocky Mountains run through?



CHALLENGE THREE:

1

Name *three* states, provinces, or territories that produce more hydroelectric power than other places in the region. What *physical feature* in these places might help explain why hydroelectric power is a resource there?

2

California is the most populated state in this region. Nunavut is the least populated. How do *climate* and *economic activity* help explain why this is the case?

3

Find the area of the continental United States that is least populated. What *physical features* might help explain why the population density is so low? How might *elevation* and *vegetation zones* also help explain the low population density?

4

Which of Canada's cities has the largest population? How might the *climate* and *economic activity* of the area help explain why so many people live there?



CHALLENGE THREE:

5

A farmer grows sugarcane, a crop that does well only in a *humid subtropical climate* with other *tropical grassland* vegetation. In his free time, he loves to go sailing on the ocean year-round. His farm is near a *densely populated* city that lies on a *very large river*.

Where does the farmer live? Why do you think so?

6

In what city does this person live? Why do you think so?

“My city is an urban area with more than four million people. Like many people here, I work in *manufacturing*. My brother is a commercial *fisherman*. We are surrounded by mountains, but also have many beautiful *beaches*. Our *Mediterranean climate* makes the weather generally mild. It rains occasionally. Sometimes we worry about *chaparral* fires in the nearby hills.”



CHALLENGE FOUR: ANALYZE A FIELD PHOTOGRAPH

Field Photograph



Location A
40° north, 74° west

Location B
76° north, 80° west

Location C
60° north, 147° west

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