

The Apprentice

Introduction:

Donald Trump is looking for his next Apprentice, and it could be YOU. Mr. Trump, being a billionaire, is investing his fortune in shipping oil around the world. He knows that the only way to transport his oil safely and cheaply is by ship. However, because of the dangers of oil spills, Mr. Trump wants someone on his staff to see if it is possible to clean up oil spills and protect the environment, easily and safely. He knows that the Canadian Arctic has many oil reserves, and is interested in developing them.

To get the job of Apprentice, you will have to present your ideas to Mr. Trump on whether or not he should take the risk of this new business venture. Also attending this presentation will be the entire board of Mr Trump's organization.

Task:

You will need to research some recent oil spills, and their effects on ecosystems. Mr Trump would like to know whether or not oil spills are as dangerous to the environment as some people think.

The board will be interested in seeing which methods of clean up have worked in the past. Also, you will need to tell them, which methods did not work to clean up the oil spills.

The challenge that you face is that while Mr Trump would like to be able to clean up oil spills quickly and cheaply, he also does not want to harm the local ecosystems as this clean up is taking place.

As Team Leader, you'll need to choose to complete one of the following two tasks:

A] Make a presentation to the board on the best ways to clean the ecosystem,

OR

B] build a diorama showing a cleanup of the arctic ecosystem.

Process:

Part A:

Your teacher will lead you in conducting an experiment on what is the easiest way to clean up an oil spill.

Part B:

Examine the Exxon Valdez oil spill by reviewing the links provided in the RESOURCES section of this web page. Complete Activity 1. Remember to check with your teacher before printing.

Part C:

Research the Canadian Arctic ecosystem.

Use the links in the RESOURCES section to help you. Also, search your school library for books and encyclopaedias. Be sure to write down the sources you have used!

Complete Activity 2

Once you think you understand the assignment that Mr Trump has given you, decide on the method you will use to present this information to him and the board.

Option 1:

With a partner, build a diorama of an arctic ecosystem, showing the best ways you have learned to clean up an oil spill. There are two websites listed in the RESOURCES section of this website to help you.

To build your model, you can use things found in your home, such as:

- A large shoebox, or small cardboard box (to hold the diorama)
- Plasticine
- Clay
- Sand/Dirt
- Tinfoil
- Styrofoam
- Pinecones/leaves/twigs
- Paper/Cardboard.

Your model should be no larger than 30 cm by 30 cm in size. Remember, you will be creating a Canadian Arctic diorama, showing how to clean an oil spill. Check out the RESOURCES section below for links on how to clean an oil spill.

Click on the link below to see and print the rubric for this option:

Or you can choose...

Option 2:

With a partner, prepare a dramatic presentation for the board using posters, charts, graphs, overheads or digital presentation to show the board the ways you found to clean up a spill. Your presentation must be 2-4 minutes in length, and have visual aids (posters, charts, pictures, banners, etc). Since you are presenting to the board, you may dress "professionally", in character. Be sure to include some examples of Arctic wildlife that might be found in Canada's Arctic ecosystems.

Remember, your duty is to convince Mr Trump and the board that they can easily clean up oil spills, especially those in the Canadian Arctic.

Resources:

Student page - http://www.ldcsb.on.ca/schools/cfe/RPT/RPT_Ecosystems/student.html

Parent page http://www.ldcsb.on.ca/schools/cfe/RPT/RPT_Ecosystems/parent.html