

Decoding Carbon Activity

What role can Canada play in global climate action?



Main Objective

Learners become familiar with Canada's climate change agreements, and the current status of Canada's efforts to address climate change.

Learning Outcomes

- Students will explore Canada's efforts to address climate change
- Students will learn about Canada's climate agreements

Curriculum Connections

(Suggested level grades 10 - 12)

- Grade 10 Social Studies (Alberta)
- Grade 11 Social Studies (Alberta)
- Grade 10 Science (D1.2, D3.4, Ontario)
- Grade 12 World Issues: A Geographical Analysis (C1.4, Ontario)
- Grade 12 Canadian and World Studies (Ontario)
- Grade 10 Environmental Science (BC)
- Grade 11 Environmental Science (BC)
- Grade 12 Environmental Science (BC)

Length of Activity:

1.5 - 2.5 hours

Approximately 2 classes

Materials Required

- Internet enabled device(s)
- Supporting Documents
 - [Topic Backgrounder](#)
 - [Infographic Worksheet](#)

Activity

Step 1: Introduce Canada's Climate Change Agreements

Using the backgrounder, introduce Canada's climate change agreements. Use the infographic provided as a reference. This will provide a precursory overview for learners before they dive deeper.

Step 2: Student Investigation

Provide students with the following group tasks:

1. Choose/assign one of the climate change agreements listed on the infographic.
2. Students conduct a "mini-investigation" on the following questions, with the intent to share their findings in class:
 - i. What were the successes and challenges with implementing the agreement?
 - ii. Was the agreement effective in tackling the global climate change crisis? Why or why not?
3. Students share their findings with the class and complete their copies of the infographic. The method of sharing is at your discretion - collaborative online infographic, quick presentation, group leader shares with class, etc.

Step 3: Reflection

Students complete the activity with a journal entry or exit slip reflecting on the question: "Are global climate agreements necessary to meet collective climate action goals - why or why not?"