

BACKGROUND

The purpose of the Climate Change: Climate video is to introduce the series of short videos that examines different aspects of climate change in Atlantic Canada. The documentary team interviewed a wide range of people ranging from professionals to academics to people who work out in the field.

This introductory project will allow you to discuss the effects of climate change and brainstorm some solutions to problems that may affect your community.

CURRICULAR CONNECTIONS:

Grade 8: *Water Systems on Earth. Environmental Science 12: Unit 2 (Sustainable Development) and Unit 3 (Investigating Environmental Issues)*

PROJECT

After watching the Climate video and answering questions, discuss with a partner or small group how climate change may influence your community based on what you already know. Think about the large employers of your town, the history, the geographic location of where you are and proximity to the ocean or major rivers. After your discussion, create a flowchart or a collage of pictures that embodies the conclusions that you and your partner(s) have drawn.

GUIDING QUESTIONS

Note these questions don't have to be directly answered, but their themes could be used to enrich your collage/flowchart

1. How far is your community from a large body of water or the ocean?
2. What are the largest employers or industries that your town relies on?
3. How has climate change affected other communities around the world and are they comparable to what your community might see?
4. Based on the short documentary you just watched, which ideas apply to your community?

POST-SERIES

If you have the opportunity to watch a majority of the short films in this series, return to your flow chart or collage and evaluate. Would you have changed anything about it? Were there any ideas or concepts that are missing or no longer apply in your opinion? Discuss with the class and re-create the flowchart or collage if time allows.

FILM CONCEPT QUESTIONS

1. What was some anecdotal evidence presented in the film that the climate is changing in Atlantic Canada?
2. What was the scientific/professional evidence presented in the film that the climate is changing?
3. How could climate change positively impact Atlantic Canada economically in the short term?
Are there other possible benefits?
4. How might climate change negatively impact Atlantic Canada? Try to include impacts that are economic, social, environmental, and political.

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