

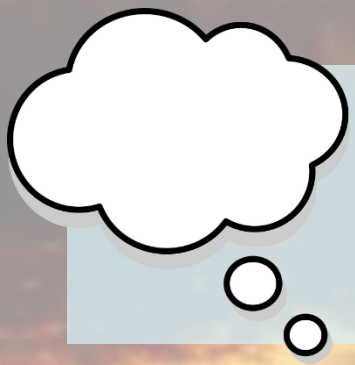
Climate of the Future

What will it be in the coming years?

Adapting to Climate Change

- As the earth's climate changes and we are presented with new environmental challenges, we will need to adapt our own behaviours and lifestyle accordingly to address them.
- Watch this video about over coming issues created by the environment.





What do you think...

- How does the town of Rjukan solve the problem of excess darkness?
- How is this problem related to climate change?
- Do you think this solution contributes to greenhouse gas emissions? Why or why not?
- Think of some problems caused by climate change that your own community needs to address. Can you think of any potential solutions?

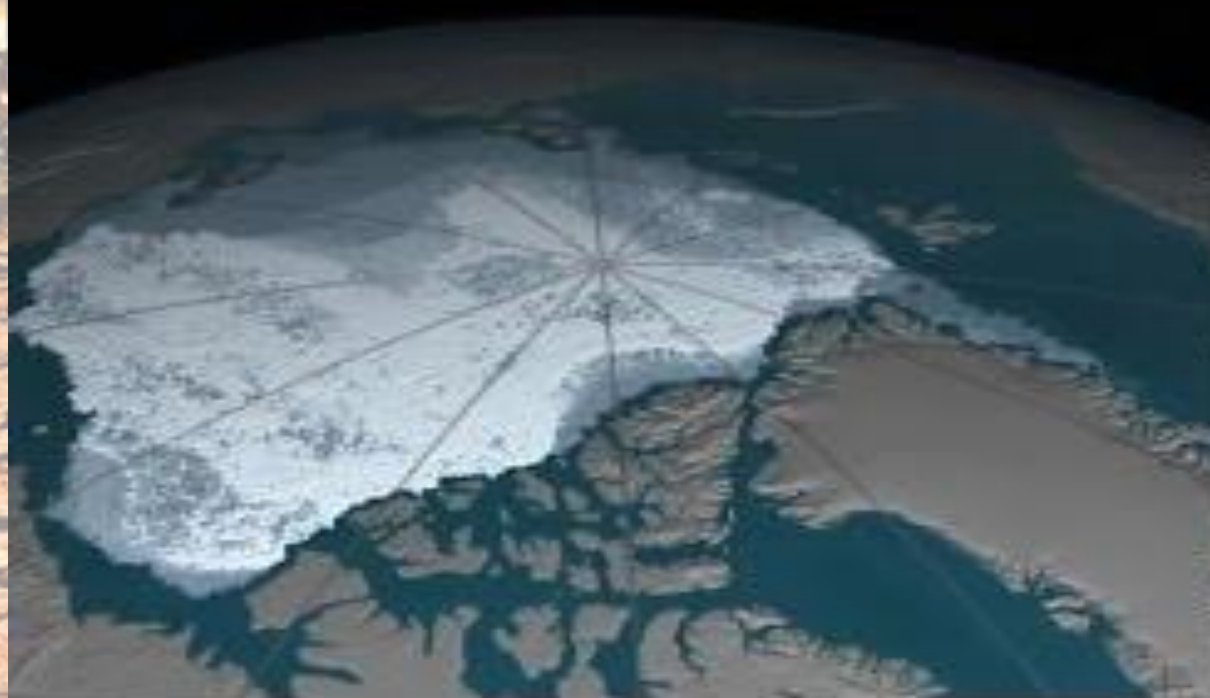
Global Indicators of Climate Change

- There is growing evidence of climate change on a global scale.
- ****Watch and record 3 points per video...**



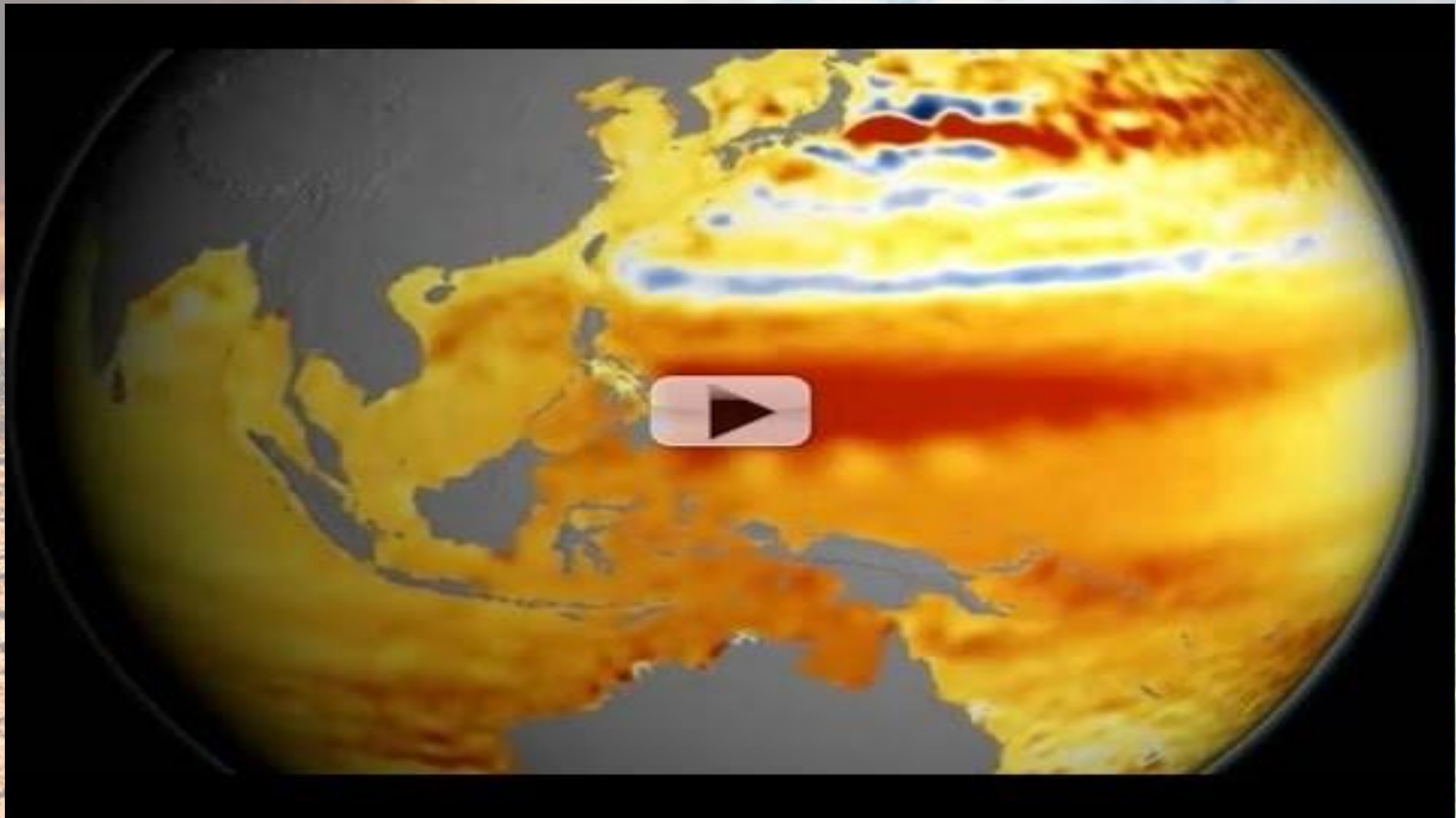
TEN CLEAR SIGNS
OUR CLIMATE IS CHANGING

Sep 1984

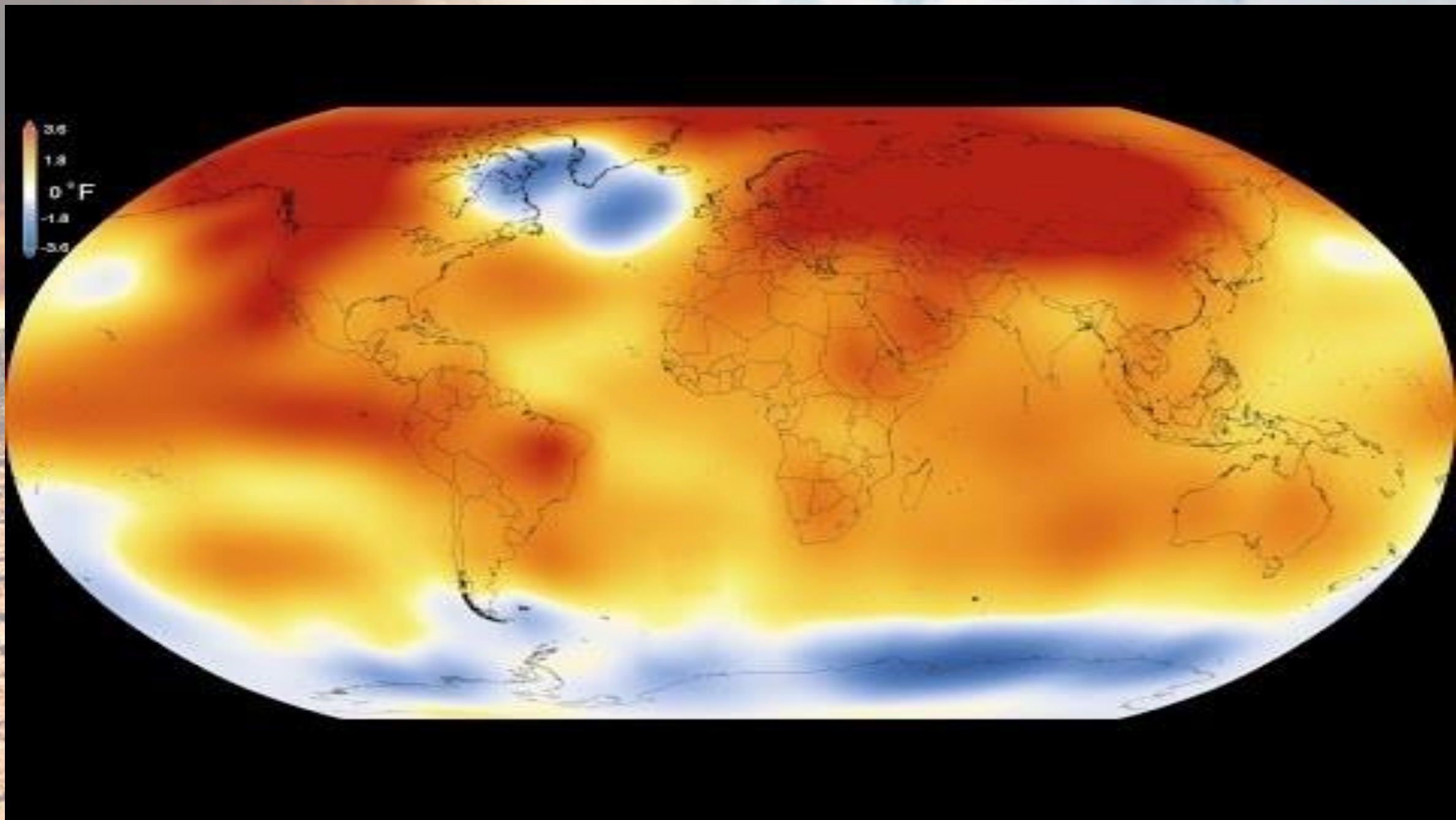


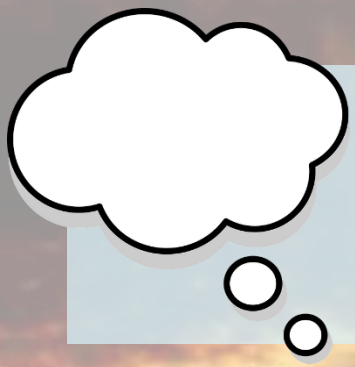
Sep 2016











What do you think...

- Which of these global climate change indicators have you noticed in your own community?
- How do these global climate change indicators affect the climate in your community?
- Which climate change indicator surprised you the most? Why?
- Which climate change indicator do you think would be the most important to address now? Why?
- What do you think would happen to the earth and our quality of life if we were to do nothing about climate change?

Making a Climate Change Difference

- Scientists use a variety of tools to make informed decisions on global climate change.
- For example, sometimes they create computer models (like the one in Day After Tomorrow) to predict what future climates may look like and the potential impact of climate change in the future.
- These can help determine policies about how to manage climate change.

Making a Climate Change Difference

- However, scientists do not work in isolation to make climate change policy happen.
- Many decisions on climate change are driven by political forces, not to mention by the people whose lives they affect.
 - Ultimately, this means you!

Making a Climate Change Difference

- Your experiences do matter and can even make a climate change difference!
- Many of us can already tell just from our own observations that climate change is indeed happening.
- Many in fact are also taking note of the increased frequency of extreme weather events.

Making a Climate Change Difference

- Others think that climate change isn't really all that significant a problem or is quite far removed from their own lives.
- However, even though they personally may not have noticed the global climate change indicators identified above, climate change most definitely has the potential to affect every one of us, where we live.

Climate Change Where I Live...

- Here is your chance to relate your own personal climate change story.
- Write a short (5-7 sentences long) narrative about an experience you have had with climate change.

Climate Change Where I Live...

- Your story can be about an extreme weather event that you experienced, a time when the power went out, a time where you weren't properly dressed for the weather, a time when you took action for climate change and so on.
- There is no right or wrong way to tell your story because it is your own experience!

Reading...

- Impact of Climate Change on Human Life
- Action and Adaptation
- Highlight your reading and then complete the 'Check Your Learning' questions.

- Hand in your answers to those questions...
Wednesday after the test!

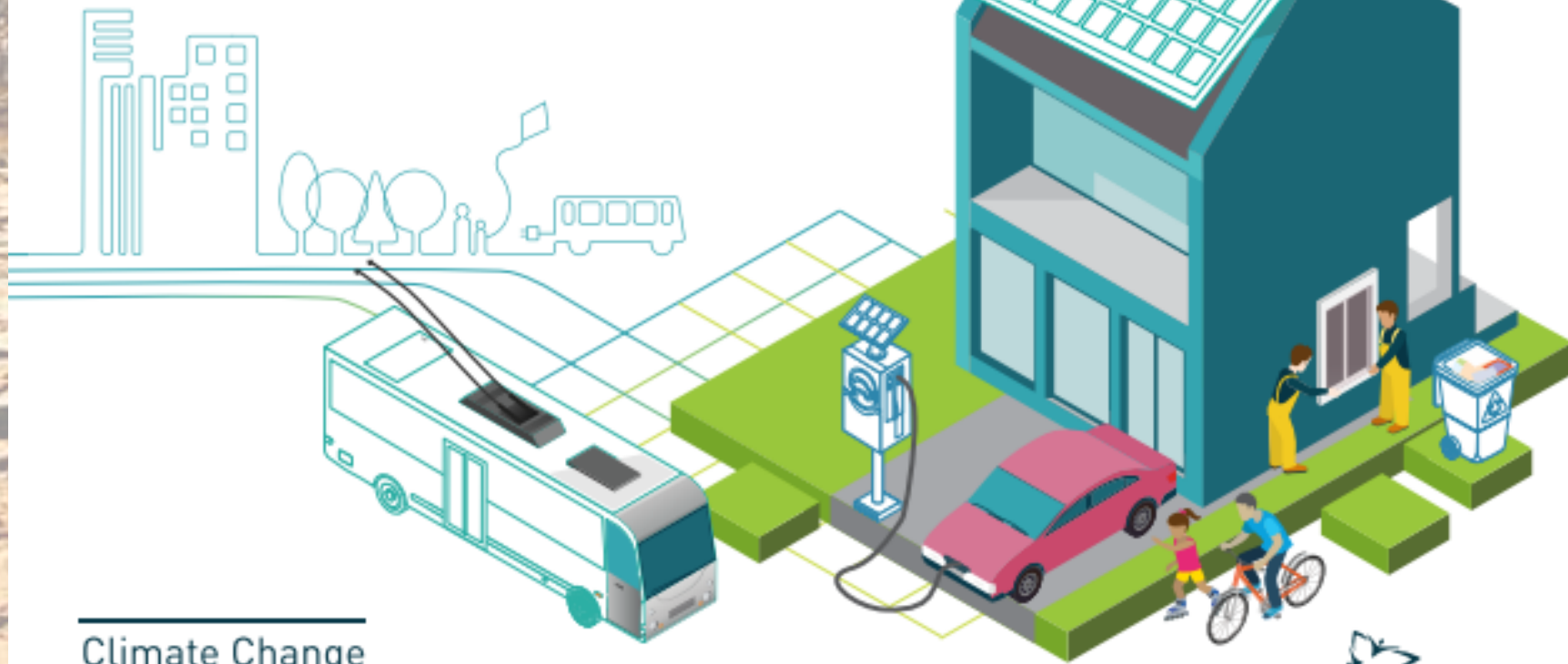
Community Climate Change Essay

- **How Does Climate Change Affect Your Community?**
- Your main task in this Activity is to go on a local scavenger hunt to collect pictures for a personal photo essay. The purpose of this is to portray how climate change is currently affecting your community and to speculate on how it may affect your community in the future.

Community Climate Change Essay

- As a helpful starting point, research local initiatives for climate change.
- There may already be measures in place to support our provincial [Action Plan](#).
- As part of your investigation, review your community website or call your mayor's office.

ONTARIO'S FIVE YEAR CLIMATE CHANGE ACTION PLAN 2016 - 2020



Climate Change
Action Plan

