

Lesson Plan

# Climate Change: Effects

## Length

One 45-minute period

## Grade Level

High School

## Learning Objectives

- Students will be able to identify some of the effects of climate change on their own communities and on communities around the world.

[Climate Change and the Coffee Industry](#)



[Climate Change Inequality](#)



[What Is Water Scarcity?](#)



[Guided Reading Handout](#)



[Presentation](#)



## Homework

- Watch: *Climate Change and the Coffee Industry*
- Read: *Climate Change Inequality*
- Read: *What Is Water Scarcity?*
- Complete the guided reading handout

## Class

1. **(5 Minutes) Watch:** *What Is Climate Change?*
  - Ask: What are some of the effects of climate change
2. **(10 Minutes) Watch:** *Climate Change and the Coffee Industry*
  - Ask: This video describes how climate change will affect coffee growers. What are some ways that you think climate change could affect your life?
3. **(5 Minutes) View/Discuss:** View Climate Inequality slide
  - Ask: Have you experienced a heat wave? Did you feel some of the same effects that Lee and their community felt?
4. **(10 Minutes) Think-Pair-Share:** What are some ways in which your community has felt climate change unequally from other communities that you know of? How have location and income shaped that difference?
5. **(15 Minutes) View/Discuss:** View Water Insecurity and Water Use slides
  - Ask: Why is water scarce? How is climate change contributing to water scarcity? What inequalities do

you see in water scarcity across the globe?

- Review the policies and technologies available for combating water scarcity. Split students into four groups and have each research how one of these policies and technologies is being used in your community.