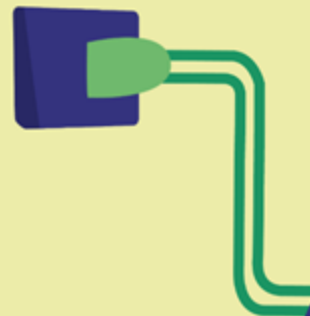


Sustainable  
Development  
Goals

## Lesson 25

### Goal 13 – Climate Action (1)



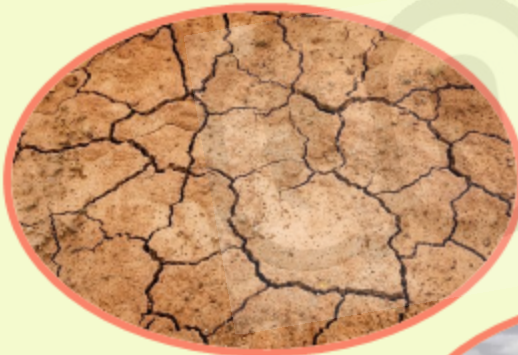


## Think and Answer

- What are climate issues or extreme weather events?



2. ....



1. ....



3. ....



4. ....

- Are there any natural disasters in your country every year? Why do these disasters happen?





# Words to Know

Read the sentences and answer the following questions.



The **drought** cause serious damage to the crops.

\*Which months are the dry season in your country?



**Deforestation** can result in the increase in global temperature and climate change.

\*Why do you think deforestation can result in the increase in global temperature?

The majority of greenhouse gases come from burning forests and **fossil fuels**.

\*Do you know any other fossil fuels ?



Due to drought, **agricultural** harvests in this country fall.

\*What factors do you think affect agricultural harvest?





## Climate Change

Climate change is affecting every country in the world. It is disrupting national economies and affecting lives. Weather patterns are changing, sea levels are rising, and weather events are becoming more extreme.

Our earth is warming. The average temperature of earth has risen by  $1.4^{\circ}\text{F}$  over the past century and is predicted to rise another 2 to  $11.5^{\circ}\text{F}$  over the next hundred years. Small changes in the average temperature of the earth can lead to huge and dangerous changes in climate and weather. For example, many places have brought changes in rainfall, leading to more floods, **droughts**, or intense rain.







Over the past century, human activities have produced large amounts of CO<sub>2</sub> (carbon dioxide) and other greenhouse gases into the atmosphere. The majority of greenhouse gases come from burning fossil fuels to produce energy. Deforestation, industrial processes, and some agricultural practices also emit gases into the atmosphere.



\*fossil fuels- such as coal, oil and natural gas;

\*deforestation-the removal of trees;

\*agricultural-relating to or used in or promoting agriculture or farming;

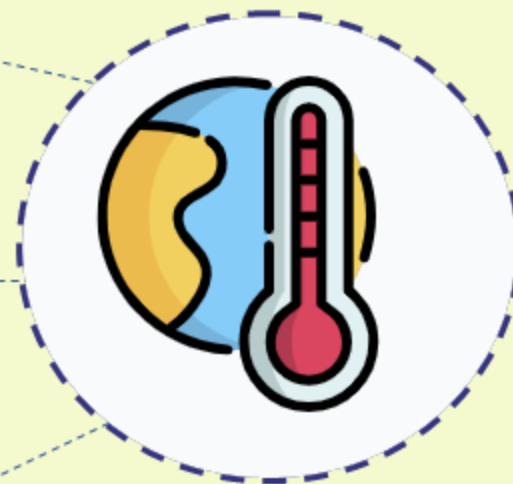
deforestation



fossil fuels



burning crops





# Respond to Reading

Talk about the following human activities, which behaviors will exacerbate climate change or greenhouse effect, and which are good for the environment?

1. People cut trees and destroy many forests so that many grasslands become desert.



2. People use new energy cars and shared bikes when they go out.

3. Many factories use carbon fuels in their production process, and they discharge a large amount of wastewater.



4. People positively obey garbage sorting rules and use recycled plastics.



Read the Sustainable Development Goals from United Nations.

## Sustainable Development Goals

### Goal 13 – Climate Action



1. Strengthen adaptive capacity to climate-related hazards and natural disasters in all countries.



2. Integrate climate change measures into national policies, strategies and planning.



3. Improve education, awareness-raising on climate change.

Deeper thinking after class:



What should countries and individuals do to combat climate change?



**Task : Do research and collect the data about climate issues of your own country in your preview paper.**