

# Managing climate change

## Learning Questions:

- How can we deal with the changes caused by climate change?

## Learning Objectives:

- I can interpret the methods of managing climate change.
- I can critique the best methods for managing climate change.



WaterAid/ Francis Chipanda



**WaterAid**

# Impacts of Climate Change

**Task:** Work with your partner to answer these questions. Answer the following questions.

What might happen if no one does anything about climate change?

- What will the effect on the environment be?
- What will the effect on people be?
- What will the effect on the economy be?

# Managing Climate Change



**Task:**  
Watch this video and listen for ways we can manage climate change. If you can, write them down.

# Managing the impacts of climate change

There are two ways of managing the impacts of climate change:

## **Mitigation:**

the action of reducing the severity, seriousness, or painfulness of something.

How can we mitigate climate change?

**Reducing the amount of greenhouse gases released**

## **Adaptation:**

the act or process of changing to better suit a situation.

How can we adapt to the effects of climate change?

**Helping people to live with the effect of climate change.**

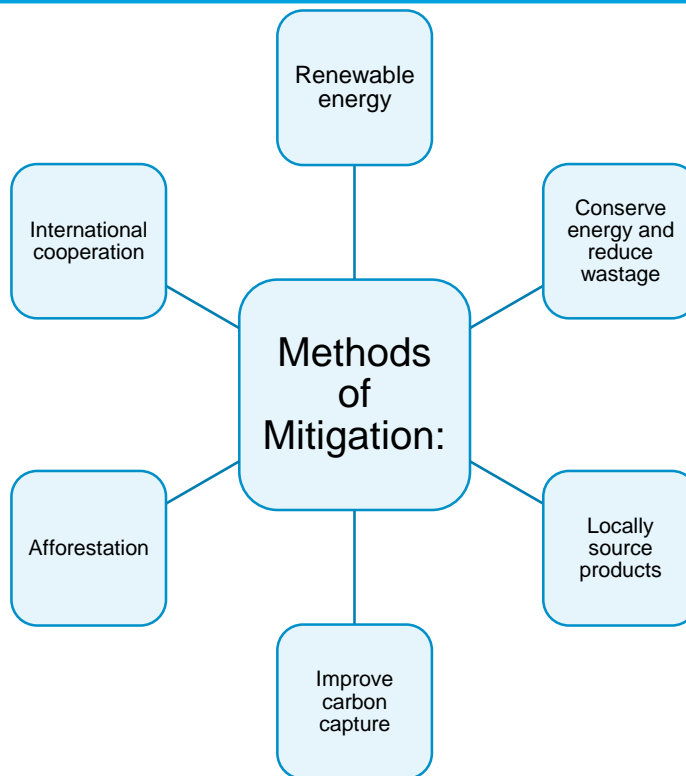
# Mitigation

## **Mitigation:**

the action of reducing the severity, seriousness, or painfulness of something.

How can we mitigate climate change?

**Reducing the amount of greenhouse gases released**



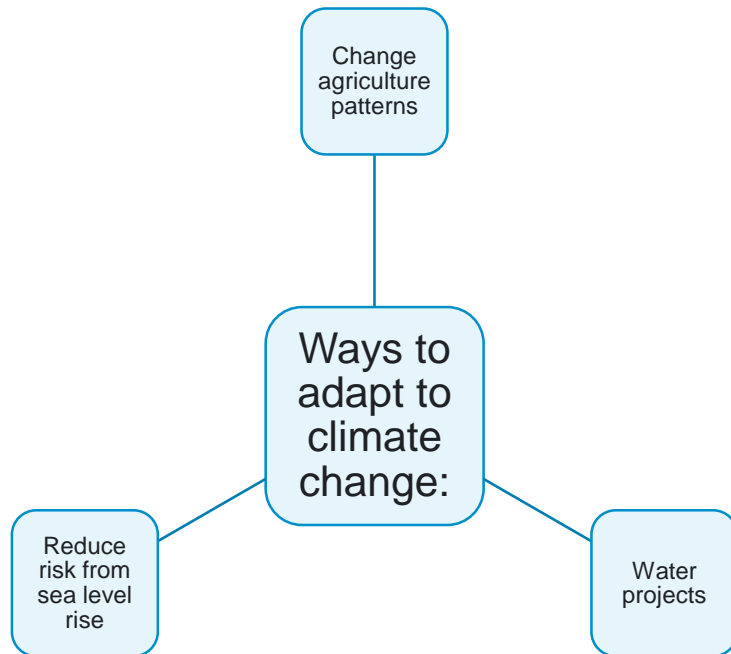
# Adaptation

## **Adaptation:**

the act or process of changing to better suit a situation.

How can we adapt to the effects of climate change?

**Helping people to live with the effect of climate change.**



# Managing the Impacts of Climate Change

**TASK:** You are going to summarise the information cards in pictures.

Read the information sheet and summarise each method for managing climate change by drawing pictures. You are only allowed to write down 5 words in each box.

You will have 4 minutes with each sheet before swapping for a new one.

Once you have finished drawing ALL of the pictures you can summarise the impacts in a short paragraph.

# Climate Change Responses Game

**Task:** Play the game to find out about managing climate change.

Aim:

The aim is to be the player with the **highest environmental score** and the **lowest economic score** at the end of the game.

Rules:

1. Everyone starts with 25 economic and 25 environment points.
2. Use your sheet to **make a note when something happens**, keep track of your economic and environment points (they can be + or -).
3. Continue playing until your are told to stop.

The shortest player will go first. Play to your right, roll the dice and follow the instructions.



# Climate Change Responses Game - Results

**Task:** Answer the following questions, use examples to support your points and explain why.

- Which responses were good for the environment? Why?
- Which responses had a high economic cost? Why?
- Which responses seem to be the easiest to do? Why?
- Which responses are the most effective against climate change? Why?
- In your opinion, is it better to mitigate or adapt to climate change?

**Challenge:** Why is responding to climate change complex for governments?

A grayscale image of a hand with fingers spread, holding a blue rectangular sign with white text. The sign is positioned in the lower center of the frame.

**Clean water.  
Decent toilets.  
Good hygiene.**