

# Managing climate change

## Learning Question:

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

## Learning Objectives:

- I can compare the different ways of managing climate change.
- I can select the best methods for managing climate change.



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**WaterAid**

# 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

Climate change could have some scary impacts for earth. But we can make changes to protect ourselves. We can do this in two ways:

**Mitigation** is when you reduce the severity, seriousness, or painfulness of something.

How can we **mitigate** climate change? **We reduce the amount of greenhouse gases released.**

**Adaptation** is when you make changes to better suit a situation.

How can we **adapt** to the effects of climate change? **We help people to cope with the effects of climate change.**

# What can we do about Climate Change?

**Task:** Become an expert! You are going to read about one way that we manage climate change and then you are will teach your classmates.

1. Read through your information card, learn the information as well as you can, you need to be able to explain it to others. Think about:
  - What must we do for this technique?
  - How does it help manage climate change?
2. Record the information in your book.
3. Find people that have a different management technique to you and take it in turns to teach each other.
4. Record the information you learn in your book.

**Challenge:** Rate each technique with how good you think it is for tackling climate change.

# 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

**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?



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