

## LEVEL 2 - INVESTIGATE (Y5-6)



### What to expect from Level 2 - Investigate

During this level, children will investigate the impact that the climate crisis is having on our beautiful world. They will also explore their own school's climate impact before finding out what people around the world are doing to combat climate change.

You'll complete a Climate Clever schools' audit, create your own action plan and make your very own pledge to reduce your school's climate impact.

### Lesson Outline

#### Lesson 1 - The Impact of Climate Change

In this lesson, children will investigate the impact that climate change is having on the world around us.

#### Lesson 2 - Are Companies to Blame?

In this lesson, children will investigate large company's involvement in the climate crisis and the changes that the consumer can make.

#### Lesson 3 - Your School's Climate Impact

In this lesson, children will investigate the impact that their school is having on the climate by completing the Climate Clever School audit.

#### Lesson 4 - What is the World Doing to Change?

In this lesson, children will explore what people and companies all around the world are doing to help in the climate crisis.

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## Lesson 1 - The Impact of Climate Change

### Lesson input

Recap over what the children learnt in Level 1. Think, pair, share.

- What is climate change?
- What causes climate change?
- What is the different between climate and weather?

Using the presentation, explore the impact of global warming and climate change on the world around us.

- Melting icecaps and rising sea levels
- Unpredictable and severe weather
- Droughts and wild fires
- Changing seasons and confused wildlife

### Activity Suggestions

Create a mini documentary style film about the impact of climate change.

Children can create a leaflet outlining the impact of climate change (sea levels, weather, droughts & wildlife).

Create an animation showing the impact that melting icecaps is having on the north Pole and polar bears.

### Resources

- Leaflet template (print double sided - flip on short edge)

### Book recommendations

- There's a Rangtan in my Bedroom - James Sellick

### Climate Clever Schools Actions:

No compulsory action here but we would love to see photos showing what you get up to!

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### Lesson 2 - Are Companies to Blame?

#### Lesson input

Using the presentation, investigate the main companies responsible for the amount of fossil fuel produced across the globe.

But are companies to blame? Although companies have been producing fossil fuels for decades since they found out the damage it is doing to our planet, they are not entirely to blame. Children will explore what they can do to help companies reduce the amount of fossil fuels they use.

#### Activity Suggestions

Choose a large or local company to write a letter to encouraging them to reduce their climate impact by using more sustainable resources.

Create a poster, leaflet or write a letter encouraging members of the public to 'be the change' and reduce the amount of fossil fuels they require in everyday life.

#### Resources

- Optional letter border

#### Book recommendations

- Looking after our planet  
- Katie Daynes

#### Climate Clever Schools Actions:

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### Lesson 3 - Your School's Carbon Impact

#### Lesson input

Using the presentation, children will investigate what is meant by climate impact and what contributes to their school's climate impact.

Climate impact refers to the affect that a person or organisation has on the planet in relation to climate change.

Examples of contributors to a school's climate impact:

- Travelling to school using fossil fuels
- Electricity usage across school
- Using non-renewable energy suppliers
- Paper usage
- Single-use plastic items

They will carry out a Climate Clever School's audit to measure their climate impact with the help from staff in school.

#### Activity Suggestions

Carry out an audit in school and complete the Climate Clever School's audit to assess the impact that your school is having on the planet.

You might also want to send a questionnaire / survey home to families to find out how climate clever they are at home.

#### Resources

- Climate Clever Schools audit

#### Book recommendations

- Kids Fight Climate Change - Martin Dorey

#### Climate Clever Schools Actions:

- Upload a photo / document - Let us know how you got on with your Climate Clever Schools audit.

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### Lesson 4 - What is the World Doing to Change?

#### Lesson input

Using the presentation, investigate some of the countries who are doing their bit to fight the climate crisis.

- Costa Rica
- Denmark
- Morocco
- UK
- Chile
- Sweden
- India
- Nepal

Once they have explored each of the countries, children will make their own pledges towards fighting the climate crisis in their school.

#### Activity Suggestions

Children are to make their own climate clever pledge to reduce their own or school's climate impact.

From the children's pledges and discussions, complete the Climate Clever Schools action plan as a class.

#### Resources

- Climate Clever Pledge template
- Action Planning Sheet

#### Book recommendations

- Climate Action - Georgina Stevens

#### Climate Clever Schools Actions:

- Upload photo/document - Create your own action plan and climate clever pledge.

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