

LEVEL 2 - INVESTIGATE (Y2-4)



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 climate change on the world around us. Start by watching the video of the 'Climate Change Song'.

Think, pair, share - What can the children remember from the song about the effects of climate change?

Discuss the impact that climate change is having on our environment:

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

Activity Suggestions

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

Create a poster to raise awareness of the effects that climate change is having on our world e.g. melting icecaps, droughts, confused animals and wildlife.

Resources

- Leaflet template

Book recommendations

- There's a Rangan 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!

Click here to access your [profile](#).

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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.

Recap over what fossil fuels are to remind the children and discuss the impact that burning fossil fuels has on our environment (release greenhouse gases into the atmosphere increasing global warming)

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.

Create a 'Say no to fossil fuels' poster to display around school.

Resources

- Optional letter template

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 (this might be carried out by the older children in school).

Activity Suggestions

Create posters to display around school to raise awareness of their school's climate impact. E.g in the photocopying room, art resource cupboard etc.

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.

Click here to access you [profile](#).

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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
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Once they have explored each of the countries, watch the inspirational TED talk from Bandi Guan.

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.

Click here to access you [profile](https://climatecleverschools.co.uk).