SHAPING OUR FUTURE: THE CLIMATE CHALLENGE

KS2 LESSON 3 - TEACHER GUIDE



THE FUTURE WE WANT



KS2 LESSON 3 - TEACHER GUIDE CONTENTS

PAGE 3 INTRODUCTION

An overview of the lesson including the learning objectives, curriculum links and an outline of the lesson.

PAGES 4-6 TEACHER NOTES TO SUPPORT LESSON SLIDES

Notes to accompany slides including an outline of the creative activity on page 6.

PAGE 8-9 LESSON WORKSHEET

A worksheet with suggestions for your pupils of actions we can all take to reduce our environmental impact.

PAGES 10-15 IMAGE BANK

Images to aid creativity. Your pupils may like to research more online.

KS2 LESSON 3 - TEACHER GUIDE

THE FUTURE WE WANT

Learning objective:

To reflect on climate change learning and understanding from previous lessons, and present a positive vision of the future in a creative format.

Curriculum links:

English, IT (Computing), and Art

Pupils reflect on climate change issues and their impact on the things pupils value most. Pupils use these reflections to inform a creative response, entitled 'The future we want', using poetry, creative writing, designing a poster, artwork, film or presentation.



SLIDES 1-2

CHANGE FOR CLIMATE CHANGE



Use the bullet points on the slide to recap the main threats posed by climate change:

- · Species are becoming extinct
- Weather systems are changing and becoming more extreme
- · Our planet is getting warmer

Use the final statement to remind the group that we can all make a difference by taking action to limit the future impact of climate change.

The 1-minute animation embedded in the slide can then be used to summarise this: https://www.youtube.com/watch?v=_s9dxc_jVlY

SLIDE 3-4

SPEAK UP FOR WHAT YOU LOVE



Show the Love... is a campaign from The Climate Coalition to encourage people to recognise the impact of climate change on their own lives and the things they love (from bees and coastlines, to tea and summer). To help pupils understand how climate change is impacting them directly, show the 2-minute clip on the slide: https://www.youtube.com/watch?v=ka_kQUvojeI

This gives context for the main activity, and inspires pupils to want to help save the things we love from the effects of climate change.

SLIDES 5-9

SUPPORT THE PLANET SO IT CAN SUPPORT YOU



1. Reduce your carbon footprint

- ✓ Reduce the amount of electricity and water you use at home, and think about how your family sets your thermostat at home; each degree you turn it up in summer and down in winter can save you 10% in energy.
- ✓ Reduce, reuse, recycle, rethink and renew.
- ✓ Eat fresh, local, organic, seasonal produce where you can.

2. Green up your family's lifestyle

- ✓ Walk, cycle or use public transport.
- ✓ Install insulation, draft-excluders and double glazing in your house.
- ✓ Buy energy-efficient appliances and light bulbs.
- ✓ Switch to greener energy sources where possible; look for electricity and gas suppliers who use renewable sources.

3. Take positive action

- ✓ Plant a tree in your school, garden or local community.
- ✓ Grow your own fruit and vegetables at school or at home.
- ✓ Buy recycled, FSC or Fair Trade products wherever possible.



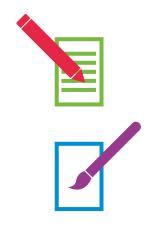




4. Go beyond your own carbon footprint

- ✓ Talk to your friends and family about climate change and share your concerns.
- ✓ Raise the issue with your local MP/elected representative and ask them to take action against climate change.
- ✓ Take part in **Earth Hour** and help raise awareness of climate change.

SLIDE 10



SHARE YOUR VISION

Use the slide to introduce the main activity.

The class should review what they have learned from the previous lessons about the effects of climate change and different people's perspectives.

Working in pairs or small groups, challenge pupils to get creative and share their vision for 'the future we want' by producing a poem, a letter, a poster, artwork, a short presentation or film. This should reflect what they think our world will look like if we make the right changes to tackle climate change, and include the impact on the things they love.

They could think about how these changes may benefit the following areas, if we make the right choices:

- Our environment our homes, the place we live, animals and plants.
- Transport benefits of walking/cycling, public transport, local and international travel.
- Food availability of food and where food comes from.
- **Consumption** reduce, reuse, recycle, rethink and renew.
- **Weather changes** improving how we adapt and cope with flooding and other extreme weather.

Pupils can be as creative as they like in the format that their vision for the future takes. For example, they could write a presentation in the style of a weather forecast to show geographical impact of climate change, perform a news report of the future, produce an on location video log or vox pops, design a PowerPoint presentation, produce a piece of creative writing or artwork over multiple lessons.

To end the session, showcase pupils' creative responses, encouraging them to reflect upon their choice of focus and explain why it is important for the future they want.

You can extend this activity by:

- contacting your local MP or elected representative and hold a climate focussed event at school to showcase your class' creative outputs;
- get your school involved in Earth Hour.

Further details can be found in the Resource Overview document.





LESSON WORKSHEETS

THE FUTURE WE WANT

What small changes could you make to reduce the impact you are having on the environment?

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1. REDUCE YOUR CARBON FOOTPRINT

- ✓ Reduce the amount of electricity and water you use at home, and think about how your family sets your thermostat at home; each degree you turn it up in summer and down in winter can save you 10% in energy.
- ✓ Reduce, reuse, recycle, rethink and renew.
- ✓ Eat fresh, local, organic, seasonal produce where you can.

2. GREEN UP YOUR LIFESTYLE

- ✓ Walk, cycle or use public transport.
- ✓ Install insulation, draft-excluders and double glazing in your house.
- ✓ Buy energy-efficient appliances light bulbs.
- ✓ Switch to greener energy sources where possible; look for electricity and gas suppliers who use renewable sources.

3. TAKE POSITIVE ACTION

- ✓ Plant a tree in your school, garden or local community.
- ✓ Grow your own fruit and vegetables at school or at home.
- ✓ Buy recycled, FSC or Fair Trade products wherever possible.







4. GO BEYOND YOUR OWN CARBON FOOTPRINT

- ✓ Talk to your friends and family about climate change and share
 your concerns.
- ✓ Raise the issue with your local MP or elected representative and ask them to take action against climate change.
- ✓ Take part in Earth Hour and help raise awareness of climate change.



IMAGE BANK









