



# About this resource pack

## About this resource pack

This resource has been designed to enable KS2 teachers and students to have a better and more comprehensive understanding of what Climate Change is and how we all have an impact and can do something about it.

You will find that this resource pack has been divided into FOUR distinct parts:

- Part One: An Introduction to the 'Cool It!' project
- Part Two: Climate Change: What is it?
- Part Three: Climate Change; Fix It!
- Part Four: Further Resources

Within this resource pack you will find lots of information regarding the various factors that need to be considered when addressing and understanding the complex and substantial topic of Climate Change. The pack contains a variety of fun games and activities, as well as a number of interesting facts, which are designed to help contextualise this subject and aid your students understanding of what climate change is, how we have contributed to it, predictions for future climate changes and how we can 'fix' it!.

As this topic is so large, this pack can only provide an overview and a solid base from which to continue learning about climate change and related issues.

### PART ONE: An Introduction to the 'Cool It!' project

This section aims to demonstrate how the 'Cool It!' project has been designed in accordance with the National Curriculum, SEAL and the Primary Framework for teaching Literacy and Mathematics. We have provided a comprehensive breakdown of where and how this programme conforms to the National Curriculum and relevant schemes of work, as well as how it endeavours to promote and develop the Primary Framework for teaching Literacy and Mathematics.

### PART TWO: Climate change - What is it?

Climate change is REAL; this is how it happens and this is what it means.

Part Two of this resource pack focuses on understanding what climate change is, including how we contribute to climate change and the long term effects it will have on our lives, and those of generations to come.



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Section A: What is climate change?

Section B: How have we contributed?

Section C: The future of climate change

Each section, A, B, and C, will contain the following:

- Teacher resources
- Student's resources (Chart's 1- 3)
- A teacher activity sheet detailing how to carry out the tasks and activities included in this pack
- Worksheets

**The student resource charts** are designed to encapsulate the various elements of climate change simply and concisely. However, should you wish to provide your students with a more detailed explanation of what climate change is, as well as the affects and causes of it, the teacher resources are intended to provide you with a more comprehensive understanding of the subject matter. Should you wish to dig even deeper, a range of links to further information are provided through Part Four.

## PART THREE: Climate change - Fix it!

What can we do to stop climate change?

Part Three of this resource pack focuses on what we can do to prevent climate change both individually and as a community. In order to do this students must understand that there is a direct correlation between the energy we use and the effects this has on the environment, thus drawing attention to the amount of energy we waste each day and developing strategies for reducing this quantity. Students must recognise and comprehend that this is a very real and urgent problem.

Part THREE will contain the following:

- Teacher resources
- Student's resources- Chart 4
- A teacher activity sheet detailing how to carry out the tasks and activities included in this pack
- Photocopiable worksheets

The student resource chart is designed to encapsulate what we can do to stop climate change simply and concisely. However, should you wish to provide your students with a more detailed explanation of what we can do to prevent climate change, the teacher resources are intended to provide you with a more comprehensive understanding of this subject matter. Should you wish to dig even deeper, a range of links to further information are provided through Part 4.



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### PART FOUR: Further resources

Part four provides you with information about ECSC and Bigfoot Theatre Company and also a variety of interesting and useful links with which to further your knowledge and understanding of Climate Change. There is also a glossary of terms, containing words and phrases that may be unfamiliar and/or complicated to explain, along with a simple and concise explanation of its meaning.

**By doing all these things, we can reduce the amount of energy we use in our day to day lives. If we use less energy, less energy is produced and so, therefore, less carbon dioxide is emitted into the atmosphere.**