

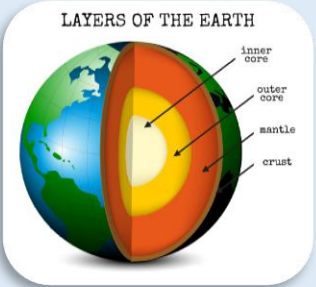



# Save our Planet!

(Physical Geography & Human Impact)

*Enquiry Question*  
 What is happening to our planet and what can we do to stop this?

## What do I already know?

<p>You already know about the Earth's structure from our previous unit - Extreme Earth.</p>	<p>You should be able to recall Earth's continents &amp; oceans due to previous geography units taught in school.</p>	<p>You are aware of changes to our planet due to global news and awareness in school (Newsround).</p>
		

## Sticky Knowledge

- I know that the types of fuels we are using is impacting our ozone layer.
- I know that changes to food growth and distribution is impacting our planet.
- I understand how mining for minerals can impact land-use and settlements.

## Key Learning Journey

1. I can identify what the term 'climate change' means and how it is directly impacting our world.
2. I can explore how changes to food growth and distribution are impacting our planet.
3. I can explore how changes to land-use and settlements are impacting our planet.
4. I can identify the types of fuels (fossil fuels) we are using and how this is impacting our ozone layer.
5. I can identify the continents that are most affected by climate change and the reasoning for this.
6. I can identify strategies that are in place to slow down (and help to solve) the climate crisis.
7. I can demonstrate my knowledge by answering our unit's enquiry question, 'What is happening to our planet and what can we do to stop this?'

<p><b>fossil fuels</b> - non-renewable energy sources e.g. oil, coal and gas.</p>	<p><b>mining</b> - the process of digging into the ground to extract valuable natural resources, such as minerals, coal, and gemstones.</p>	<p><b>emissions</b> - something that has been released into the world e.g. gas, heat, sound or light.</p>
<p><b>ozone layer</b> - a protective layer in the Earth's stratosphere that absorbs harmful ultraviolet radiation from the sun.</p>	<p><b>land use</b> - the purpose for which humans use the land they settle on</p>	<p><b>greenhouse gases</b> - gases in Earth's atmosphere that trap heat.</p>
<p><b>distribution</b> - the way something is spread out or arranged over a specific geographic area</p>	<p><b>settlements</b> - a place where people live and sometimes work, and can be small or large in size.</p>	<p><b>physical geography</b> - the study of the Earth's natural features and processes, including the land, water, air, and ecological systems</p>



# Save our Planet!

(Physical Geography & Human Impact)

*Enquiry Question*  
 What is happening to our planet  
 and what can we do to stop  
 this?

Check-In Task - What knowledge do I have to build on and help me with this unit?

Planet Earth is made up of different layers e.g. core, mantle.	T F	
Name the 7 continents.		
Name the 5 oceans.		
Our planet is healthy and we (as a population) are looking after it well.	T F	



**Year 5 & 6**  
**Autumn Two**  
 What would you like to know?

Check-Out Task - What knowledge have I learnt throughout this unit?

The type of fuels we are using (diesel & petrol) are having a <b>positive</b> impact on our ozone layer.	T F	
How is food growth impacting our planet?		
How is food distribution impacting our planet?		
Mining for minerals is causing land-use problems e.g. flooding and contamination.	T F	