

<u>Year Group:</u> <u>Year 6</u>	<u>Topic:</u> <u>Climate Change</u>	<u>Term:</u> <u>Summer 2</u>	<u>Main Focus:</u> <u>Geography</u>
<u>Rationale For Topic</u> Pupils will learn how to be responsible not just for themselves but also for the environment. They will understand how their action can affect others across the globe. Children will have an understanding how the media and statistics may have been interpreted in a variety of ways and never without bias. They will have a stronger understanding and consideration for the world beyond themselves and why we should all care about recycling and sustainability.			
<u>Lesson Number</u>	<u>Learning Objective (s):</u>	<u>Success Criteria:</u>	<u>Brief outline / reasoning for sequence</u>
1	LO: To understand what is climate change (Geog)	- I am able to explain how human activity has cause an environment to change - I understand what climate change is - I can explain what we can do to reduce climate change	In this this session, children will have a good understanding of what climate change is and what causes it. Children will also be able to articulate how humans have impacted and continue to impact climate change and that does not only affect humans but animals too. Children will understand what policies and procedures that are currently in place worldwide to help reduce climate change and evaluate the effectiveness of these whilst also coming up with their own. e.g COP and the Kyoto Protocol
2	LO: To understand how carbon moves around the earth.	- To understand an earth system and how humans affect that. - To think about local issues that affect a earth cycle.	Earth is made up of many cycles: the water cycle, rock cycle etc. Children will learn that carbon is something that lots of things in the world contain. We will also understand how it affects the earth with respect to global warming (with methane) as carbon dioxide.

			We will then re-enact the cycle to embed the movement throughout the planet.
3	LO: To understand how human features have impacted on climate change around the world and how this affects weather. (Geog)	- I can identify the human feature of different places around the world - I can give an extended description of the human features - I can identify the differences and similarities of human feature around the world	In this lesson, children will look at the difference between climate and weather and how climate change is changing weather around the world and the problems this could cause for humankind. We will look at these problems through infrastructure, farming and land use.
4	LO: To locate and name deserts in the world (Geog)	- I can name the largest desert in the world - I can use a map to locate deserts across the world - I can explain the characteristics of a desert	In this session, children will use atlases to locate and name deserts across the world paying particular attention to the largest desert Children will use IPad to research how desert areas have changed over time due to climate change and will create a fact file of the characteristics of a desert. We will look at how desertification works and how this is allied with climate change and the effect this has on vegetation holding the ground together.
5	LO: To understand how climate change affects the ocean	- I can name the main oceans of the world - I can find how weather and climate is linked and how this affects other earth systems.	In this session, children will research and find out how warming affects the oceans and how this warming of the ocean affects humankind. We will be looking at the global oceanic system and how warming affects this and how this warming of the ocean will detrimentally affect the UK.

6	LO: To persuasive write a letter to help reduce climate change as a community (writing link)	- I am able recall the feature of a letter - I am able to use data to support my point - I am able to use my research to present a possible solution	Following the previous lessons, children will write a letter to the sitting prime minister in order to persuade them to participate with more acts that will help slow climate change.