



## Autumn Term 1

### Whole School topic 'Earth Matters'- Year 2 Weather and Climates

History	Geography	Art	Design and Technology
	In Geography, we will be teaching the children what it means to be a global citizen. Through our teaching about human and physical features, the children will be learning about the negative impact human activity is having on our environment. The children will be learning to identify the damage to physical features and ways in which this damage could be reversed. We will be identifying the 7 continents and 5 oceans and general climate zones. Alongside these, we will be looking at the differences between climate and weather patterns across the globe.	We will design posters to persuade others about the impact they will have on the planet.	

### Key drivers of the curriculum

Aspirations	Global citizenship	Wellbeing
As part of our study of weather patterns we will look at the job role of a meteorologist and a weather forecaster.	In Geography, we will be teaching the children what it means to be a global citizen. Through our teaching about human and physical features, the children will be learning about the negative impact human activity is having on our environment.	

### Core links through the curriculum.

#### Basic Skills

#### Real World Applications

English	Numeracy	Using Technology including Computer Science	Science
<b>Key texts</b> Notes for Living on Planet Earth- Oliver Jeffers Tidy- Emily Gravett 10 things I can do to Help my World- Melanie Walsh Charlie and Lola Look after Your Planet- Lauren Child	As part of our study of local weather patterns children will be reading scales to measure rainfall and temperatures.	As part of our study of weather patterns children will use the internet to search the internet to find temperature and rainfall at various locations across the world.	This study builds on the year 1 science objectives taught about weather. The children use these skills to monitor our weather locally in order to compare our climate to that of other locations across the world.  Children will study different energy sources including fossil fuels and renewable energy sources.

George Saves the World by Lunchtime- Dr Jo Readman			
<b>Writing opportunities</b> As part of our study of weather patterns we will look at the job role of a meteorologist and a weather forecaster.			
<b>Reading opportunities</b> Selection of Non-Fiction books about weather available in the classroom			

Objectives	Activities
<b>Geography:</b>	
<p>I can name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas on a map.</p> <p>I can know about the local area, and name and locate key landmarks.</p> <p>I can name and locate the seven continents and five oceans on a globe or atlas.</p> <p>I can identify seasonal and daily weather patterns in the United Kingdom.</p> <p>I can describe which continents have significant hot or cold areas and relate these to the Poles and Equator.</p> <p>I can recognise a natural environment and describe it using key vocabulary</p> <p>I can identify a range of human environments, such as the local area and contrasting settlements, and describe them and some of the activities that occur there using key vocabulary.</p> <p>I can make observations about, and describe, the local area and its physical and human geography.</p> <p>I can use a world map, atlas or globe to name and locate the seven continents and five oceans.</p> <p>I can use a UK map or atlas to locate and identify the four countries and capital cities of the United Kingdom and its surrounding seas.</p>	<p>Understanding Physical and Human Features of local area</p> <p>Using Aerial Photos of the local area to identify local Physical and Human Features</p> <p>Looking at maps of the UK to understand the countries and capital cities to record a weather forecast for the UK and other locations across the globe.</p> <p>Looking at maps of the world to understand the continents and oceans to record a weather forecast for the UK and other locations across the globe.</p> <p>Identifying the poles and equator to understand climates across the globe.</p> <p>Comparing different climates across the globe.</p> <p>Look at types of fossil fuels and renewable energy sources to understand the possible impact on climates.</p>

I can keep a weekly weather chart based on first-hand observations using picture symbols, and present this data.	
<b>ICT:</b>	
I can create my own document adding text and images and can manipulated their size and orientation	Using the internet to research different weather patterns
I can save my work into a folder and edit it later	
<b>Art</b>	
I can make different marks with a pencil: scribbles, sweeping lines, wavy lines, straight lines	Design posters to persuade others about the impact they will have on the planet.