



Week/Lesson	Objectives	Main Activities	Differentiation	Notes
1	To understand that the UK has different seasons	Go through the presentation on the different season in the UK and the difference between weather and climate	<p>Year 9 – all will be able to describe the different seasons Most will be able to say how the weather and hours of daylight change Some will be able to say how the weather effects animals and vegetation</p> <p>Year 8 – Will be able to describe the different seasons and how the weather differs</p>	
2	To understand how to understand a weather forecast	<p>Look at todays weather forecast and explain what the different symbols mean. Look outside and see if the forecast is the same as the actual weather.</p> <p>Create a table to log the weather over the next week</p>	<p>Year 9 – all will be able to be able to tell what the weather is like Most will be able to say what the different symbols mean Some will be able to make weather predictions based on the past</p> <p>Year 8 – will be able to understand the different symbols and create a weather table to log</p>	
3	To investigate climate change in the UK	<p>Look at how the weather has changed in the UK in recent years.</p> <p>Complete tasks on changes to flowers, birds and ecosystems</p> <p>Postcard from the future</p>	<p>Year 9 – all will understand that the weather is changing in the UK Most will understand how it is effecting the different wildlife across the country Some will be able to explain what it will look like in 2080</p> <p>Year 8 – will be able to create a rain gauge and plan how to predict the weather over next week</p>	
4	To understand how the weather in different countries effects the climate	<p>Look at the different biomes and climates</p> <p>Complete the exercises on Google classroom</p>	<p>Year 9 – all will recognise that the earth is made up of different climates Most will be able to identify the different biomes and describe the weather Some will be able to identify countries and climates associate with each biome</p>	



			Year 8 – will know that there are different biomes and climates across the world	
5	To know how Climate change has had an effect on Antarctica	Investigate the way climate change has had major changes on Arctic regions. Students will investigate the effects and create a discussion about the pros and cons	Year 9 – all will know that the climate in the Arctic regions has changed greatly Most will be able to identify the reasons for the change Some will be able to discuss the implications for the rest of the world Year 8 – know how climate change has effected Arctic regions	
6	To be able to identify different types of extreme weather	Look at extreme measures and how it has changed over the years in the UK. Look at flooding, strong winds and the changes in temperature	Year 9 – all will know that there are different types of extreme weather that effect the UK Most will know why there is an increase in these types of weather Some will be able to predict how these types of weather may increase further Year 8 – Will be able to recognise that the weather has changed in the UK and why we see more extreme weather	

Evaluation/Next steps: