



St Paul's Primary School, Newcastle. Glorifying Almighty God, and serving our community.

Investigating places		Investigating patterns	To Communicate Geographically
Class: 3			Title: The Water Cycle
Topic summary: The water cycle is a physical process that happens on the surface of the Earth and in the Earth's atmosphere.			
Geography Objectives			Unit of work end points
<ul style="list-style-type: none">Ask and answer geographical questions about the physical and human characteristics of a location.Name and locate the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and date time zones. Describe some of the characteristics of these geographical areas.Describe geographical similarities and differences between countries. Describe key aspects of: <ul style="list-style-type: none">Physical geography, including: rivers, mountains, volcanoes and earthquakes and the water cycle.			<p>There will be general teaching on the steps of the water cycle, with a focus on clouds and precipitation.</p> <p>The cycle:</p> <ul style="list-style-type: none">To illustrate and describe the five steps of the water cycleTo know what the term ‘continuous cycle’ meansTo know where the water cycle takes placeCompare and contrast the physical process of the water cycle with any other two physical geographical processes (e.g. movement in the tectonic plates in the crust, erosion) <p>Clouds and precipitation:</p> <ul style="list-style-type: none">Draw and label the different types of cloud in their correct positions in the atmosphere.To name and describe the nature of the six different types of cloudTo know what do the prefix ‘nimbo’ and the suffix ‘nimbus’ meanCompare and contrast a photograph of a cool bright winter’s day with one of a rainy, dull dayExplain how meteorologists use clouds to forecast the weather. <p>Deeper learning:</p> <ul style="list-style-type: none">Investigate meteorological models used in forecasting weather.Investigate the likelihood of a cumulonimbus cloud forming in Central Africa. Draw some conclusions.
Key vocabulary			
Atmosphere	The gases that surround a planet		
Continuous	Happening all of the time without any breaks		
Precipitation	Rain, snow, sleet or hail falling from the clouds		
Cumulonimbus	Thunder clouds		
Stratus	Featureless rain clouds in layers		
Cumulus	Small puffy clouds		
Cirrus	Thin wispy clouds		