

Curriculum Newsletter

Year group

Summer 1

Weather & Climate



Welcome to Year 5! Our topic this term is Weather and Climate. The weather is one of the topics examined in KS2 geography. Children will look at the different types of weather, its causes and how it affects us. Children will explore and design the different instruments used to measure the weather. Furthermore, the aim of this topic is to develop an understanding of key terms, such as weather and climate, and discuss the causes and impact of climate change.

Goldilocks words:

The Goldilocks words are the key vocabulary the children will learn, understand and be able to use by the end of the topic. They are called Goldilocks words as they are not too easy, not too hard, but just right!

<i>weather</i>	<i>climate</i>	<i>temperature</i>
<i>air pressure</i>	<i>Precipitation</i>	<i>windsocks</i>
<i>barometer</i>	<i>heatwave</i>	<i>equator</i>
<i>Meteorology</i>	<i>climate change</i>	<i>global</i>
<i>warming</i>	<i>evaporation</i>	<i>condensation</i>
<i>wind vane</i>	<i>tropical</i>	<i>thermometer</i>
<i>temperate</i>	<i>polar</i>	<i>Mediterranean</i>
<i>altitude</i>	<i>latitude</i>	

Ideas for home learning:

- Make an anemometer to record windspeed and direction
- Research more about climate change using the link below.
[Changing Weather and Climate Patterns | Key Stage 2 | Geography in the News](#)
- Create a poster explaining the effects of climate change.
- Write a manifesto on how to combat global warming.

Key messages:

P.E. **5TL Monday and Wednesday** **5NN Tuesday and Friday**

(wear P.E. kit to school on P.E. days)

Bug Club reminder—please try and read every night

Times table Rockstar reminder—remember to practise daily.

Weather and Climate

English

In English, we will be continuing the book Holes, by Louis Sachar.

We will be focussing on:

Diary Writing,
Analytical writing
Fictional Biography
Poetry
Drama

We will be continuing our focus on SPaG.

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Mathematics

Read and interpret decimal numbers up to three places

Estimate decimal numbers up to thousandths

Round decimal numbers.

Order and compare decimals.

Understand and find the equivalent to decimals, fractions and percentages

Add and subtract decimals with whole numbers.

Multiply decimals by 10,100 & 1000

Physical Education

This term, children will learn a variety of team work skills in Rounder or Cricket. Students will gain valuable throwing, catching and batting skills. Overall fitness will also be incorporated into their P.E lessons.

Science

This term our science topic directly links to our Topic 'Weather and Climate'. Children will research the differences in weather and climate patterns around the world.; identify the similarities and differences in the weather conditions in different world zones; design a device which reads the weather.

ICT

Using a combination of software (including internet services) to design and create content that collects analyse, evaluate and present data and information.

Reminders!

PE Y5NN - Tuesday and Fridays.

PE Y5TL- Monday and Wednesdays.

Full PE Kit: White top, black bottoms and Plimsolls/trainers.

Reading records to be signed daily.

RE & PSICHE

In PSICHE, we are continuing to consider our bodies our rights. In R.E we will be learning more about Jesus and why he is important to Christians.

IPC/ Topic

Defining weather and climate.

Use and interpret maps and atlases.

Exploring global climate systems.

Create weather forecasts using symbols.

Develop our own anemometers to measure wind speed.

Look at the impact of humans on the environment.