

Wacky Weather



Anstey Junior School
Long Term Planning
Year 4
Wacky Weather



Rationale: Study a region of the United Kingdom – beyond the Local area

- Locate the world's countries, using maps to focus on Europe (inc. Russia) and North and South America. Look at key physical and human characteristics, **countries and major cities**
- Name and locate counties and cities of the UK – geographical features, human and physical characteristics and land-use patterns: understand how these have changed over time.
- **Understand geographical similarities and differences through the study of human and physical geography of a region of the UK.**
- To describe and understand key aspects of human geography, including: types of settlement and land use, economic activity, distribution of natural resources including energy, food, mineral and water

English:

Story telling - balloon journeys.
Writing to inform-Weather forecasts (videos).
Poetry-links to weather (see videos on sciencekids).
Non-chronological reports-linked to observations of weather.

Maths:

Number and place value.
Division and multiplication.
Fractions and decimals.
Geometry: position and direction (coordinates and translations).
Subtraction and addition (context of measures).
Measurement: perimeter.
Measurement: area.
Geometry: property of shape (quadrilaterals and triangles).

Science

States of matter

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Extra Half Term for 'interesting science'

Making volcanoes.
Blowing bubbles.
Making rainbows, crystal snowflakes, effects of warm and cold air, coloured surfaces attracting heat.
Freezing bubbles
<http://www.sciencekids.co.nz/>

Geography-Weather.

- Locate the world's countries, using maps to focus on Europe (inc. Russia) and North and South America. Look at key physical and human characteristics, **countries and major cities. Where in the world have you been?**
- Name and locate counties and cities of the UK – geographical features, human and physical characteristics and land-use patterns: understand how these have changed over time.
- Wind speed and direction-blowing bubbles and looking at the speed and direction of their travel. Putting on a balloon race and asking finders of each balloon to send a postcard with where and when the balloon was found. Investigate how the weather impacted on each balloon. Plot balloon findings on a class map.
- Borrowing fieldwork pack from <http://www.metlink.org/observations-and-data/instruments/>

Texts:

(In contact with SLS).

Visits + Visitors + Theme Days:

Met Office?
Butser Hill to measure the wind and fly kites.

R.E.:

Divinity-Christian
miracle stories
Symbols

PDL:

Going for goals
Good to be me
Keeping safe/healthy.

P.E.:

Dance (Leo)
CM sports-games (hockey)
Sainsbury's School Games

ICT –

Intro to Gmail
Class Comic
Presentation Media

Outdoor learning:

Wind speed
Rain fall
Monitoring weather.
Measuring.
Temperature.
Plants growing (Spring).

DT:

Anemometers
Kites

Music:

Samba (Listen to me)
See SP planning

Art :

Artist study-Claude Monet.

Children's questions:

On-going see classroom displays