

YEAR 7 CURRICULUM INFORMATION - GEOGRAPHY

Autumn Term

What will students be learning?

Weather Hazards

Good progress in this unit means that by the end students will:

Know:

- Difference between weather and climate
- Which air mass brings different weather conditions to the UK
- How water cycle works
- Impacts of flooding in the UK
- How to read and create a climate graph

Understand:

- How the weather affects local areas - causes and impacts of extreme weather - floods, avalanches, wildfires.
- How we can attempt to reduce the impacts of weather hazards

Can:

- write clearly about how weather affects us
- describe different weather conditions clearly
- begin to analyse how weather conditions can be hazardous

How will students be assessed?

Teacher assessment, peer assessment
A formal Milestone- mix of question types

Literacy – What keywords will be taught?

weather
rainfall
precipitation
hail
temperature
direction
cloud
thunderstorm
cloud coverage
anemometer
atmosphere
climate
air mass
water cycle

	prevailing wind surface runoff ocean current transpiration condensation groundwater relief rainfall
What employability skills are being developed?	Data analysis, communication skills, problem solving, planning
Wider Curriculum Links?	Numeracy links – draw and interpret climate graphs, interpret weather data, angles and gradient, probability and coordinates in wildfire management. Literacy in extended writing, eg on the issue of avalanche hazard RE/Guidance – Community responsibility, British Values Science – chemistry of water cycle, physics of fire triangle
What useful websites are there for this topic?	Continuity Oak Curriculum - Curriculum (continuityoak.org.uk) – Select Geography – Year 7 – Weather and Climate BBC Bitesize Weather and climate - KS3 Geography - BBC Bitesize 3D Geography Weather for kids (3dgeography.co.uk)
What wider reading could be done for this topic?	Read - 'Horrible Geography' Stormy Weather - Anita Ganeri
What else can students be doing independently to develop their understanding of this topic?	Watch - 'Weather's Devastating Forces' - YouTube Do - Make a rain gauge for your garden and record the rainfall https://www.metoffice.gov.uk/weather/learn-about/met-office-for-schools/other-content/other-resources/weather-station/rain-gauge