

Science: States of matter

Pupils should be taught to:

- 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.

Working Scientifically

- Identifying differences, similarities or changes related to simple scientific ideas and processes.
- Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.

French: What is the weather like?

Focus:
Speak in sentences, using familiar vocabulary, phrases and basic language structures.
Write phrases from memory, and adapt these to create new sentences, to express ideas clearly.

Art and Design: Seasonal Sketches

Developing use of sketch books to record their observations and use them to review and revisit.

READING

- Storm
- You Wouldn't Want to Live Without Extreme Weather
- Once Upon a Raindrop
- Rain
- Sun
- Snow
- Rhythm of the Rain

DT: Design a waterproof outfit

- use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

Geography: Biomes and Climate Zones

- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere and Southern Hemisphere
- Describe and understand the key aspects of physical geography, including: climate zones, biomes and vegetation belts and the water cycle.

(Climate paintings, animal habitats, explore through Planet Earth)

Music: Vivaldi's Four Seasons

Pupils should be taught to:

- listen with attention to detail and recall sounds with increasing aural memory

TERM 4: Whatever the Weather



RE: Advent

How and why is Advent important to Christians?

Developing knowledge of the Christmas story, Christian symbols and practices today.

Belief, Authority, Expressions of Belief

Health and Well-Being

Caring Friendships:

- That most friendships have ups and downs, and that these can often be worked through so that the friendship is repaired or even strengthened, and that resorting to violence is never right.
- How to recognise who to trust and who not to trust, how to judge when a friendship is making them feel unhappy or uncomfortable, managing conflict, how to manage these situations and how to seek help or advice from others, if needed

Online relationships:

- That people sometimes behave differently online, including by pretending to be someone they are not.
- That the same principles apply to online relationships as to face-to-face relationships, including the importance of respect for others online including when we are anonymous.

History: Ancient Egypt

The achievements of the earliest civilisations – an overview of where and when the first civilisations appeared and an in-depth study of Ancient Egypt.

PE:

1. Tag Rugby/ Basketball
2. Yoga
3. Swimming according to timetable.

Pupils should be taught to:

♣ use running, jumping, throwing and catching in isolation and in combination

♣ play competitive games, modified where appropriate [for example,

Basketball and tag rugby) and apply basic principles suitable for attacking and defending

♣ develop flexibility, strength, technique, control and balance through yoga

♣ compare their performances with previous ones and demonstrate improvement to achieve their personal best.

♣ swim competently, confidently and proficiently over a distance of at least 25 metres

♣ use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]

♣ perform safe self-rescue in different water-based situations.



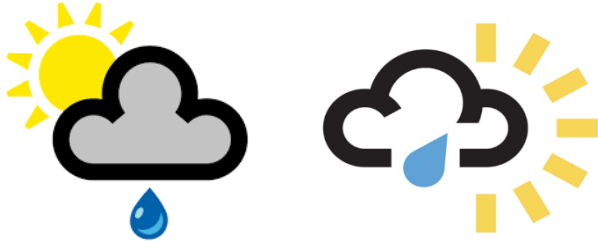
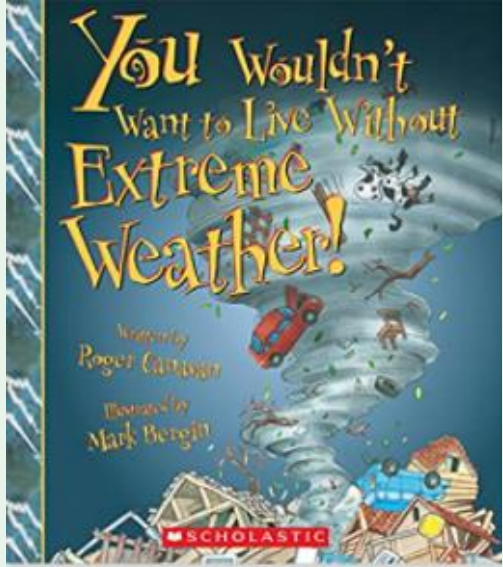
Computing: Code a Weather Animation

- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

(Create a weather animation using Purple Mash)

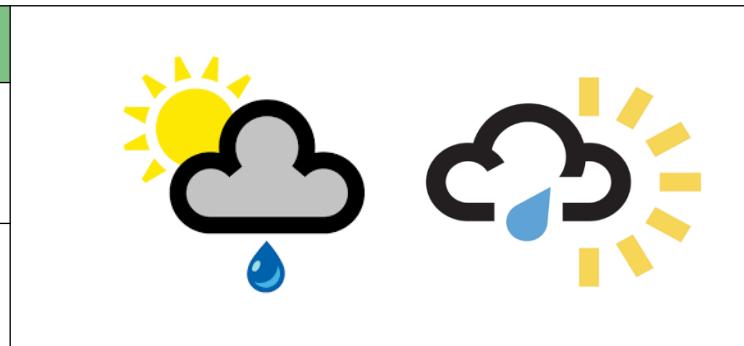


Year 3/4 Term 4 : Whatever the Weather

Vocabulary		Knowledge		Exciting Books
latitude	Longitude	I know what biomes are and where the main biomes are in the world.		
equator				
Northern Hemisphere		I know what physical aspects of geography are.	Objectives – Geography and Art and Design	Assessment
Southern Hemisphere				
Climate			Geography: Biomes and Climate Zones Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere and Southern Hemisphere Describe and understand the key aspects of physical geography, including: climate zones, biomes and vegetation belts and the water cycle.	Assess through Art and Design and Geography knowledge and skills.
biomes				
Vegetation belts		I know to press lightly with my pencil when sketching.	Art and Design: Seasonal Sketches Developing use of sketch books to record their observations and use them to review and revisit.	
		I know I can add shade to my sketches by pressing harder with my pencil across darker areas.		
Sketch		I know to look carefully at an object/picture from all angles to accurately observe and draw it.	(Climate paintings, animal habitats, explore through Planet Earth)	
Shade				
Record				
Develop				
Landscape				
Visual stimulus				
observation				

Year 3/4 Term 4 : Whatever the Weather

Vocabulary		Knowledge
Vivaldi	Concertos	I know Antonio Vivaldi is an Italian composer.
Four seasons		
Compose	orchestra	I know that Vivaldi composed concertos for each season.
largo	allegro	I know that largo means slow and allegro means fast.
percussion	Strings	
brass	woodwind	
Le soleil	Le pluie	I know how to say what the weather is like.
Le vent	Le brouillard	
La neige	L'orage	
Le nuage	Quel temp fait-il?	I know which materials are waterproof
impermeable	Waterproof	I know who invented the Macintosh
Shower-proof	flexible	
liquid	evaluate	I know how to make materials waterproof
Water-resistant	design	



Objectives – Music, French, Design Technology

Music: Vivaldi's Four Seasons
Pupils should be taught to:
 listen with attention to detail and recall sounds with increasing aural memory

French: What is the weather like?
Focus:
 Speak in sentences, using familiar vocabulary, phrases and basic language structures.
 Write phrases from memory, and adapt these to create new sentences, to express ideas clearly.

DT: Design a waterproof outfit
 use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
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Exciting Books



Assessment

Assess through Music, French and Design Technology knowledge and skills.

Year 3/4 Term 4 : Whatever the Weather

Vocabulary		Knowledge		Exciting Books
Solid, liquid, gas		I know that all materials are made up of particles.		<h2>Objectives – Computing and Science</h2>
particle	Melting	I know the particle structure of solids, liquids and gases.		
cooling	precipitation	I know the properties of solids, liquids and gases.		
Evaporation / condensation		I know what happens to a solid, liquid and gas when it is heated and cooled.	<p>Science: States of matter Pupils should be taught to:</p> <ul style="list-style-type: none"> ☑ 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. <p>Working Scientifically</p> <ul style="list-style-type: none"> ☑ Identifying differences, similarities or changes related to simple scientific ideas and processes. ☑ Using results to draw simple conclusions, make predictions for new values, suggest improvements <p>Computing: Code a Weather Animation</p> <ul style="list-style-type: none"> ▪ use sequence, selection, and repetition in programs; work with variables and various forms of input and output ▪ use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs <p>(Create a weather animation using Purple Mash)</p>	<h2>Assessment</h2>
Sequence		I can name the different stages in the water cycle.		<p>Assess through Computing and Science knowledge and skills.</p>
Selection				
Repetition				
Variables		I know the difference between input and output.		
Input / output				
Algorithm		I know that variables can have an impact on the output.		
debugging				

Year 3/4 Term 4 : Whatever the Weather

Vocabulary		Knowledge
pharaoh	pyramids	I know that the pyramids were built as tombs for the pharaohs.
tombs	Scribe	
sarcophagus	mummification	I know that Ancient Egyptian was the first civilisation to invent writing that was called hieroglyphics and the importance of the discovery of the Rosetta Stone to translating these.
cartouche	papyrus	
hieroglyphics		I understand the process of mummification as part of the ritual of death.
scarab	sphinx	Tutankhamen was known as the boy king and is famous because his tomb was discovered in 1922.
Rosette Stone		
River Nile	Artefact	Cleopatra was the last Pharaoh of Egypt before the Romans took over.
archaeologist		I know why advent is celebrated
New Testament		I know the main events of the Christmas story.
Advent	Christmas	
Saviour	Worship	I can name some Christian symbols.
Bible	church	
Christianity	Nativity	I know some Christian practises.



Objectives – RE and History

History: Ancient Egypt

The achievements of the earliest civilisations – an overview of where and when the first civilisations appeared and an in depth study of Ancient Egypt.

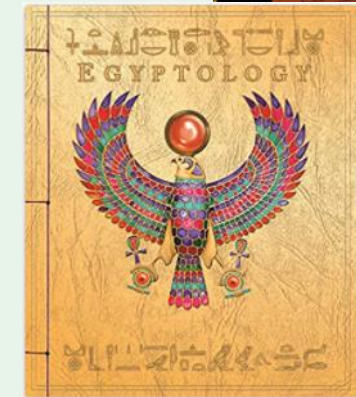
RE: Advent

How and why is Advent important to Christians?

Developing knowledge of the Christmas story, Christian symbols and practices today.

Belief, Authority, Expressions of Belief

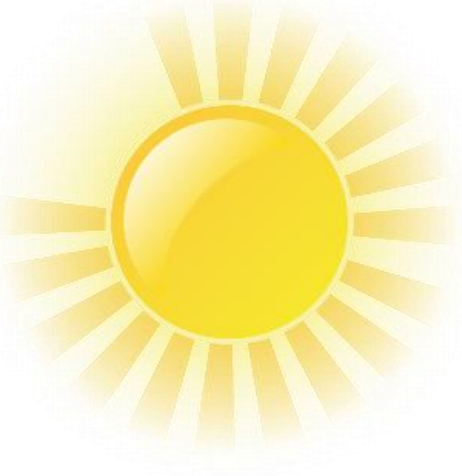

Exciting Books



Assessment

Assess through history and RE knowledge and skills

Year 3/4 Term 4 : Whatever the Weather

Vocabulary	Knowledge		Exciting Books
Trustworthy	<p>Know that most friendships have ups and downs, and that these can often be worked through so that the friendship is repaired or even strengthened, and that resorting to violence is never right.</p>		
Untrustworthy			
resort			
Conflict	<p>Know how to recognise who to trust and who not to trust, how to judge when a friendship is making them feel unhappy or uncomfortable, managing conflict, how to manage these situations and how to seek help or advice from others, if needed</p>	Assessment	
Resolution			
Social media			
Anonymous		Health and Well-Being Objectives	
Personal details	<p>Know that people sometimes behave differently online, including by pretending to be someone they are not.</p>	<ul style="list-style-type: none"> • Caring Friendships • Online Relationships 	<p>Assess through health and well being knowledge and skills.</p>
Privacy settings	<p>That the same principles apply to online relationships as to face-to-face relationships, including the importance of respect for others online including when we are anonymous.</p>		
webchat			
strengthen			