

Knowledge Outcomes:

- Know that materials can be grouped as solids, liquids or gases by comparing and describing their properties.
- Know that heating and cooling can cause some materials to change state - melting, freezing, evaporation and condensation.
- Know that different materials change state at different temperatures, measured in degrees Celsius (°C) - water freezes at 0°C and boils at 100°C.
- Know that evaporation is when a liquid changes into a gas and condensation is when a gas changes back into a liquid, and that these changes are reversible.
- Know that the water cycle is driven by the Sun's heat, causing evaporation, condensation, cloud formation and precipitation and know that warmer temperatures increase the rate of evaporation.
- Know that Anders Celsius developed the Celsius (°C) temperature scale, which scientists use to measure temperature

Strength Lies in Difference

Children to review the role of the media in most societies but especially in Britain
Children to understand what social media is
Children to understand how social media can have a positive and negative impact
Children to identify the positive impact social media has

Expressive Art and Design

Art: Drawing

Develop knowledge of drawing techniques.
Learn to create artistic effects using tone, texture, light and shadow.
Learn how to use hatching and cross-hatching techniques.
Show an awareness of space when drawing.

Music (Step 1 and 2)

To perform, internalise the pulse or steady beat of a piece of music
Identify the first beat of a bar in $\frac{3}{4}$ and $\frac{4}{4}$
To recognise and define the duration of different notes
To compose a sequence of 4 beat rhythms using minims, crotchets and quavers
To compose rhythmic patterns and to perform at different tempos
To identify instruments within the string family

Personal, Social and Emotional Development

PSHE: Relationships

How do we treat each other with respect?

Understand how people's behaviour affects themselves and others, including online
Know how to model being polite and courteous in different situations and recognise the respectful behaviour they should receive in return
Learn about the relationship between rights and responsibilities
Learn about the right to privacy and how to recognise when a confidence or secret should be kept or not agreed to and when to tell (e.g. if someone is being upset or hurt)
Know the rights that children have and why it is important to protect these
Know that everyone should feel included, respected and not discriminated against; how to respond if they witness or experience exclusion, disrespect or discrimination
Learn how to respond to aggressive or inappropriate behaviour (including online and unwanted physical contact)
Know how to report concerns
Understand that treating a person differently because they are a boy or a girl is known as gender discrimination
Understand how to show their respect for diversity

R.E.: Buddhism

Is it possible for everyone to be happy?
To reflect on what helps people lead better lives (is it religion?)
To understand whether religious beliefs influence people to behave well towards others within Buddhism
To understand the life of the Buddah and how he tried to be and stay happy

AUTUMN TERM 1 Objectives: Year 4

Mix, Melt and Marvel Science

Physical Development

Dance

Use simply motifs and movement patterns to structure dance phrases
Refine, repeat and remember dance phrases and dances
Perform dances clearly and fluently
Challenge:
Structure and vary longer dances
Show a good sense of rhythm and style when performing

Understanding of the World

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.

Scientist Focus: Anders Celsius

Computing I Safety

Know the benefits and risks of sharing information online including what is safe / unsafe
Identify what types of information can put you at risk of identity theft and scam
Understand the term cyberbullying, what harmful communication is and empathize with those who have been on the receiving end
Know how to refine an online search using key words

Languages

Welcome to our school (build on Physical French Phonics)

Remember how to greet friends and use familiar language to introduce myself.
Use familiar questions to find out about friends in class.
Know and use numbers between 0-31 to make simple sequences.
Say and order months in calendar order sequences
Recognise and say classroom items nouns and recognise masculine and feminine nouns
Read and recognise the names of special areas and rooms in a French school

English / Mathematics

Please see termly objectives on your success and challenge cards