

## Year 4 Autumn Term - Journeys – Science focus

Objectives to be taught as a separate unit: PE - Gymnastics (Gym skills), RE (Mary, mother of God), ICT (Desktop publishing skills), Music (Listen to Me), MFL (Days/ months/ seasons)

### Maths- Multiplication and division and fractions

- Problem solving tasks to link to journeys topics where appropriate.
- ICT- Scratch Maths quiz to have a multiplication and division focus
- Position directions and coordinates linked to Outdoor and adventurous activities

### 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 the temperature at which this happens in degrees Celsius (°C), building on their teaching in mathematics.
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

### Science- Animals including humans

- Identify that humans and some animals have skeletons and muscles for support, protection and movement.
- Describe the simple functions of the basic parts of the digestive system in humans.
- Identify the different types of teeth in humans and their simple functions.

### Outdoor and adventurous activities

- Arrive properly equipped for outdoor and adventurous activity.
- Understand the need to show accomplishment in managing risks.
- Show an ability to both lead and form part of a team.
- Support others and seek support if required when the situation dictates.
- Show resilience when plans do not work and initiative to try new ways of working.
- Use maps, compasses and digital devices to orientate themselves.
- Remain aware of changing conditions and change plans if necessary.

## JOURNEYS

## CURIOSITY

### Art

- States of matter inspired art work – representing molecules in their different states
- Relationships inspired art work- warm and cool tones to show range of emotions

### Relationships Link to E Safety in ICT sessions.

- features of positive healthy friendships such as mutual respect, trust and sharing interests
- strategies to build positive friendships
- how to seek support with relationships if they feel lonely or excluded
- how to communicate respectfully with friends when using digital devices
- how knowing someone online differs from knowing someone face to face and that there are risks in communicating with someone they don't know
- what to do or whom to tell if they are worried about any contact online
- to differentiate between playful teasing, hurtful behaviour and bullying, including online
- how to respond if they witness or experience hurtful behaviour or bullying, including online
- recognise the difference between 'playful dares' and dares which put someone under pressure, at risk, or make them feel uncomfortable
- how to manage pressures associated with dares
- when it is right to keep or break a confidence or share a secret
- how to recognise risks online such as harmful content or contact
- how people may behave differently online including pretending to be someone they are not
- how to report concerns and seek help if worried or uncomfortable about someone's behaviour, including online
- to recognise differences between people such as gender, race, faith
- to recognise what they have in common with others e.g. shared values, likes and dislikes, aspirations
- about the importance of respecting the differences and similarities between people
- a vocabulary to sensitively discuss difference and include everyone

### FRENCH- weather and days of the week/ months of the year

- Read and understand the main points in short written texts.
- Read short texts independently.
- Use a translation dictionary or glossary to look up new words.
- Write a few short sentences using familiar expressions.
- Express personal experiences and responses.
- Write short phrases from memory with spelling that is readily understandable.
- Understand the main points from spoken passages.
- Ask others to repeat words or phrases if necessary.
- Ask and answer simple questions and talk about interests.
- Take part in discussions and tasks.
- Demonstrate a growing vocabulary.

### ENGLISH

Traditional tale with a twist  
 Explanation of how the digestive system works  
 Write a short narrative of a homeward journey based on an animal of choice using an imitable structure  
 Comprehension texts- digestion and teeth

