

### Science: States of Matter (Developing Experts)

- To compare and group solids, liquids and gases
- To investigate the effect temperature has on changing state
- To understand diluting and dissolving
- To understand evaporation and condensation
- To understand the water cycle
- To describe freezing and melting

### Computing: HTML (Developing Experts)

- To edit the HTML and CSS of a webpage to change the layout of a website and the text images.
- To understand that html is a markup language which defines how a website is displayed.
- To understand how to edit HTML
- To understand how HTML is used to determine the layout of a web page.
- To create our own fake stories.
- To edit an image and create a story on a web page.

### RE: Jesus the Teacher (TWTTTL)

- To know that Mary and Joseph took Jesus to the Temple. Reflect on what this means for us.
- To know that Jesus was born a Jew. Reflect on how Mary and Joseph found Jesus in the Temple.
- To know about the baptism of Jesus. Reflect on what Jesus' baptism means for us for us.
- To know that Jesus called people to follow him. Be aware that we are also called to follow Jesus.
- To know that Jesus travelled around teaching people. Think about the Good News that Jesus teaches.
- To know some of the parables Jesus used to teach people. Reflect on the meaning of the parables for us.
- To know that Jesus came to show us the way to live - The Beatitudes. Think of ways in which we can be true followers of Jesus.

### Liturgical Calendar: Ordinary Time (Green Cloth)

### Maths (White Rose)

#### Multiplication & Division

- 11 and 12 times-table
- Multiply 3 numbers
- Factor pairs
- Efficient multiplication
- Written methods
- Multiply 2-digits by 1-digit
- Multiply, 3-digits by 1-digit
- Divide 2-digits by 1-digit (1)
- Divide 2-digits by 1-digit (2)
- Divide 3-digits by 1-digit
- Correspondence problems

#### Area

- What is area? Counting squares
- Making shapes Comparing area

#### Fractions

- What is a fraction? Equivalent fractions (1)
- Equivalent fractions (2) Fractions greater than 1
- Count in fractions

### Art & Design: Working with Recycled Materials (Kapow)

- To make maracas from recycled materials.
- To make drums from recycled materials.
- To create a fruity face collage.
- To explore the work of a talented sculptor.
- To create our own sculpture based on the work of artist El Anatsui

### Spanish: Habitats (Language Angels)

- To tell somebody in Spanish the key **elements** animals and plants need to survive in their habitat.
- To tell somebody in Spanish examples of the most common habitats for plants and animals and give a named example of these habitats.
- To tell somebody in Spanish which **animals** live in these different habitats.
- To tell somebody in Spanish which **plants** live in these different habitats.

### RSE: Personal Relationships (TenTen)

#### Friends Family and Others

- To know ways to maintain and develop good, positive, trusting relationships; strategies to use when relationships go wrong
- To know that there are different types of relationships including those between acquaintances, friends, relatives, and family
- To know that good friendship is when both persons enjoy each others company and also want what is truly best for the other
- To know the difference between a group of friends and a clique

#### When things feel bad

- To develop a greater awareness of bullying (including cyber bullying), that all bullying is wrong, and how to respond to bullying
- To learn about harassment and exploitation in relationships, including physical and emotional abuse and how to respond

## Year 4 Spring 1 **Topic: The Anglo-Saxons** **6 Weeks**

### English

**Class Book: Manfish by Jacques Cousteau**

#### Writing

#### **Invention narrative based on Manfish (3 weeks):**

- Use fronted adverbials with a comma mostly correctly
- Use inverted commas and other punctuation to indicate direct speech mostly correctly
- Use a new line for a new speaker when using direct speech.

#### **Poetry based upon water (2 weeks):**

- Indicate possession with the possessive apostrophe
- Describe settings.

#### **Non-chronological report: Explaining the water cycle (2 week):**

- In non-narrative work, use organisational devices such as headings and subheadings with increasing effect.
- Use paragraphs to organise ideas around a theme
- Select appropriate nouns or pronouns within or across sentences to aid cohesion and avoid repetition.

#### **Punctuation and Grammar**

indicate possession by using the possessive apostrophe with plural nouns; the grammatical difference between plural and possessive -s; using and punctuating direct speech

#### **Whole Class Reading**

**One session per week based upon the class novel and three extract lessons using VIPERS (Vocabulary, Infer, Predict, Explain, Recall, Summarise) which cover the content domains for KS2 reading. Within all 4 of these lessons, time is given to modelling and practice of intonation, tone and volume.**

#### **Extract Lessons:**

Rivers: A River's Journey By Angela Yardy, ARiver by Marc Martin, Just Around the Riverbend  
Children's Classics: A Bear Called Paddington by Michael Bond, The Lion, The Witch and The Wardrobe by CS Lewis, Alice's Adventures in Wonderland by Lewis Carroll  
States of Matter: The Rhythm of The Rain by Grahame Baker Smith, Plasma, What's The Matter? by Tom McGowen

#### **Spelling**

adding the suffix '-ous', the 'ee' sound spelled with an i; the suffix '-ous'; challenge words; the 'au' digraph; the suffix '-ion'; the suffix '-cian'.

### PE (Rising Stars)

#### **Beth Tweddle Gymnastics:**

- To experience general gymnastics activities.
- To improve their general fitness.
- To develop their ability to perform a gymnastics sequence.
- To take part in a competition reward scheme.

#### **Sport: Striking and fielding (AJ Cricket)**

- To develop and investigate different ways of throwing, and to know when each is appropriate.
- To use ABC (agility, balance, co-ordination) to field a ball well.
- To use ABC (agility, balance, co-ordination) to move into good positions for catching and apply it in a game situation.

To use hand-eye co-ordination to strike a moving and a stationary ball.

To develop fielding skills and understand their importance when playing a game.

To play in a competitive situation, and to demonstrate sporting behaviour.

**Swimming** - *There will hopefully be an opportunity for swimming*

- Perform safe self-rescue in different water based situations
- 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.

### Geography: Rivers and the Water Cycle

- To introduce the land part of the water cycle using geographical vocabulary
- To introduce the sky (atmosphere) and its role in the water cycle
- To learn about a major UK river - the River Thames - and to follow a river from source to mouth
- To explore the ways in which people use and change some of the world's major rivers
- To model a river or stream, and to see how changes in water flow affect the river or stream

### Music: Stop! (Charanga)

- To learn complex rhythm patterns.
- To revise, play and read the notes C, D, E, F + G. Learn to play familiar tunes.
- To compose using the notes C, D, E, F + G.
- To performance by singing, playing an instrumental part, improvising or by performing their composition.
- To record the performance and discuss their thoughts and feelings towards it afterwards.