

## ENGLISH

We use The Literacy Tree scheme in class. Books are read closely and used to inspire a range of writing across genres as well as to explore punctuation, spelling and grammar.

Our books this term will be:

- **The Lost Thing:** Narrative (fantasy)
- **Unspoken:** Wordless fiction book
- **The Island:** Narrative sequel linked to London
- **Polar Express:** Narrative Sequel

## SCIENCE

- **Mixtures and Separation:** Pupils explore different types of mixtures and the different methods that can be used to separate them. They dissolve a range of substances, identify different solutions and investigate how temperature affects the time taken to dissolve. They design and create a water filter, sieve soil and evaporate solutions.
- **Property and Changes:** Children investigate hardness, transparency and conductivity and consider how these properties influence the uses of materials. They explore reversible and irreversible changes

## MUSIC

Music lessons are taught by the class teacher.

- **Classic rock (Living on a Prayer):** listening and appraising classic rock music and learning some songs.
- **Hip-hop Music:** including the 'Fresh Prince of Bel-Air'

## MATHS

We use The White Rose scheme in class to take a mastery approach. Topics are taught through fluency, reasoning and problem solving. This term we will be looking at:

- **Place Value:** numbers to ten/hundred thousand and a million, comparing and ordering numbers to a million, Roman numerals to 1000,
- **Addition and Subtraction:** adding and subtracting numbers up to 4 digits using the column method, rounding to estimate and approximate, inverse operations and multi-step problems
- **Multiplication and Division:** multiples, factors, square numbers, cube numbers, prime numbers, multiplying and dividing by 10/100/1000 and multiples of these
- **Fractions:** equivalence, comparing, adding and subtracting fractions - with the same and with different denominators, converting between mixed number fractions and improper fractions.

# Autumn Term Curriculum Guide Year 5



## PE

We have two PE sessions a week and one lesson is led by our PE specialist. This term we will be upskilling in:

- **Tag Rugby:** handling, tagging, passing, running with the ball, movement off the ball, attacking and defending principles, small sided games
- **Hockey:** fundamental hockey skills, ball possession, basic hockey rules, dribbling, passing skills, moving and passing, spatial awareness, shooting

## RE

We use The SDBE scheme to explore religious knowledge as well as apply it to our own understanding of the world. This term we will be studying:

- **What Do the Miracles of Jesus Teach?** What miracles are, what miracles Jesus performed, magic vs miracles, the importance of faith
- **Remembrance:** peaceful reflection, war and conflict, functioning communities and relationships, peace in an international context
- **How Do Advent and Epiphany Show Us What Christmas is REALLY About?** Remembering and celebrating the birth of Jesus in this country and others, advent symbols, light of Christmas, nativity characters and charitable giving

## ART

We develop art across the curriculum but focus on skills and art analysis on the penultimate week of the first half term. This term we will be looking at

- **Drawing:** effect of light from different directions, texture of a surface, line, tone, pattern, texture
- **Colour:** hue, tint, shades and mood, creating depth using layers
- **Artist:** Teis Albers

## GEOGRAPHY AND HISTORY

Our topics this term will be:

- **Tudors:** Looking at how mountains were formed and the impact of climates on a mountain
- **Populations:** We start our topic about the Second World War, learning how and why the war started. We learn about significant figures such as Churchill before we move onto looking at how the war affected every day life next half term

## DESIGN TECHNOLOGY

- Our DT week will be the 6th week of autumn 2 term before Christmas where we will be learning about Mechanical Levers and Sliders; making a Pop-Up Book. We will explore designs and create a plan before using a range of mechanisms and structures to illustrate a story and make it interactive for the users. Finally we the children will evaluate their product against the design brief.

## FRENCH

This term we are learning vocabulary and phrases around

- **Pets, Places in Town**
- **Jobs**



# Autumn Term Curriculum Guide Year 5



## COMPUTING

- **Online Safety:** Who to speak to and how to report harmful material on the web, evaluating website safety, age appropriate choices of materials, being safe and respectful, what bullying online is, how to prevent and respond to bullying, impact of own and others' self-image, relationships and reputation, being positive, permanency, permission, privacy, risks of communicating with strangers (within gaming), terms and conditions, abiding by the acceptable use policy
- **Basic Skills:** sustained keyboard fluency, how technology works at home, school and work, using apps to create a workflow, saving work on the 'cloud' managing and organising folders, using paths, renaming a file, managing some settings, solving technical problems, using help menus and tutorials

## Additional Information

Although your children are now in the upper part of the school, you still have an important part to play with listening to reading on a daily basis. You can also support the children with getting into good routines for self organisation to such as packing their bag the night before.

The children are also still very welcome to bring some fruit in for a playtime snack.

## PSHE

**Me and My Relationships:** attitudes and attributes to work collaboratively successfully, negotiation, compromise and resolving problems, how to respond to a range of feelings in others, friendship qualities, unhealthy relationships and how to get help, difference between passive aggressive and assertive behaviour, rehearsing assertiveness, recognising basic emotional needs and how they change, risks to ourselves physically and emotionally, misinterpretation and online behaviour.

**Valuing Differences:** qualities of friendship, making friendship last, why friendships sometimes end, active listening, appropriate respectful responses, discrimination and injustice, empathy for those who are discriminated against (including racism), challenging discriminatory behaviour, benefits of a diverse society, online accuracy of images and information, understanding own identity, consequence and impact of positive and negative behaviour.