

# Numeracy

**Mental Maths**— Mental maths will take place daily before maths lesson in the style of arithmetic questions. We will cover the four operations, times tables and year 5 topics. Please test children regularly at home and encourage daily times tables practise.

**Number Place Value**— Children will be exploring numbers to 1 million, rounding to the nearest 10, 100 and 1000. 10'000 and 100'000. They will also be exploring with Roman Numerals and negative numbers.

**Number—Addition and Subtraction**— Children will be adding and subtracting numbers with more than 4 digits using the formal column method. They will round and estimate numbers and answer multi-step addition and subtraction questions.

**Statistics**—Children will interpret patterns in tables, line graphs and charts in relation to Maths, Science and BCC.

**Number— Multiplication and Division**—Children will look into properties of numbers first, then multiply and divide by 10, 100 and 1000.

**Measurement—Perimeter and Area**— Children will work out perimeter and area on a grid before moving on to shapes with side lengths marked. They will work out the area of compound and irregular shapes.



# Literacy

**Author Focus: Louis Sachar**

**Destination reader:** We will be evaluating how authors use language to impact the reader and how language is used to create mood or build tension. As well as that children will be developing their questioning, inferring, summarising, clarifying, predicting and making connections skills. We will also have opportunities to ask and answer questions about the books we read during Destination Reader sessions.

## Biographies and Autobiographies

Use biographies of Louis Sachar and famous naturalists and animal behaviourists (both books and online) and their autobiographical writing to identify features of biographies and autobiographies.

## Classic Fiction

Children explore the charm and challenge of classic fiction, (The Jungle Book and A Collection of Rudyard Kipling's Just So Stories).

Children will write a modern-day Jungle Book story, Just So Stories diary entries, and tell outrageous lies, courtesy of conjunctions. The unit ends with children performing their own Just So Story in Kipling's style.

## Recounts:

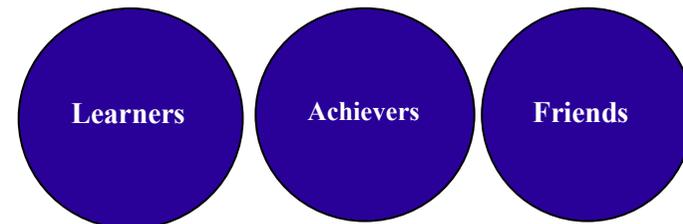
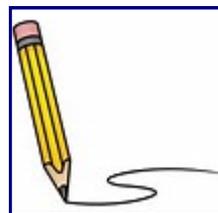
Children will be exploring the book 'Holes' by Louis Sachar and will discuss the key events of the story. This will enable them to work collaboratively to produce a diary entry and write narratives based on different character's perspectives.

## Observational Poetry

This unit encourages children to think about how poetry can make the ordinary extraordinary. Children make careful observations, imagine winter as a person, examine observational art and produce paintings to inspire them to write their own poetry.

## Instructions and Explanations

The children will explore a range of explanation texts and highlight the key features in order to create their own. They will focus on technical vocabulary, present tense, diagrams, time and causal conjunctions.



Curriculum  
Information  
Autumn Term 2021



Year 5  
(Birch and Willow)

## PSHE



### Topic - 'Teams'.

Children will be:

- Learning how to work collaborative in order to achieve tasks.
- Learning strategies to solve dispute and conflicts
- Listening and responding respectfully whilst understanding that people have different opinions.

For the first few weeks of this term, we have been and will continue to look at 'The Zones of Regulation', which will help the children to express and understand their emotions/feelings.



## RE



This term, children will be looking into Buddhism.

They will be learning about Buddha's teachings and how meditation and a clear mind help Buddhists live a better life.

They will also touch upon the key events of Islam during the Middle Ages.

If there are any parent's who would like to volunteer to share their knowledge and stories then please speak to your child's teacher.

## ICT

Children will be taught and encouraged to use the internet safely by looking at safer and stronger passwords and looking at SMART rules.

They will continue to use Purple Mash to explore and advance their coding skills.

## Year 5 Curriculum Information

## SCIENCE

In Science, we will be covering the topics **Living Things and Their Habitats and Properties and Changes of Materials**.

For our topic on Living Things, children will learn to describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. They will also describe the life process of reproduction in some plants and animals using scientific vocabulary.

Moreover, children will work scientifically by observing and comparing life cycles of plants and animals in their local environment with other plants and animals around the world (in the rainforest, oceans, desert areas and prehistoric times). Children will join in group similarities and differences.

For our topic on Properties and Changes of Materials, Children will look at how materials can be altered, whether processes of change are reversible or irreversible and diluting solids.



We will be encouraging children to work scientifically, meaning that they will create a hypothesis, plan an experiment to test this, conduct the experiment and measure and interpret the results.

Due to the current circumstances, all trips and visits have been cancelled for this Autumn Term.

## Physical Education

Both class will have P.E on Tuesday and Thursday afternoons. They will be learning Fitness & Well-Being on Tuesdays and tennis on Thursdays.

To take part in sessions, children must remember to bring in the correct P.E kit. Children will be expected to wear a white t-shirt, black shorts or jogging bottoms with black plimsolls or trainers.

## BCC

Our themes for the **Benthal Creative Curriculum** this term as **'The Rainforest'** and **'Flow'**. These topics will cover various areas of the National Curriculum such as Art, Geography, History, ICT and Science and allow the children to consolidate their previous learning.

In flow, we'll be finding out about rivers and their physical features. We will name and locate the major rivers of the world, alongside the world's greatest mountains and explain why people are attracted to live by them. Furthermore, we will also locate and name the main countries in South America on a world map and Atlas.



We will be finding out :

- how to collect information about a place and use it in a report.
- how the water cycle works
- possible answers to my own geographical questions.

This term's Art and DT will focus on creating a model of a river. The children will use their knowledge from previous lessons to design, make and evaluate their designs from detailed sketches. Please encourage your children to conduct research about their local river at home and bring in "junk modeling" equipment for designing and building their model.

## Homework and Home

Homework will be handed out in the form of 6 week blocks. The children hand in their books (home learning journal, maths book and SPaG book) **every two weeks on their Friday due date which can be found on their homework** task block sheet stuck in their learning journals. Journals should not be returned until the actual due date! They are checked then handed back out on the same day.

Children should be reading daily for 15 minutes at home using the two STEMs shown on their homework sheet. A copy of the STEMs is found on the inside front cover.

