



**Wonder**  
Learning Partnership  
Educate | Empower | Engage | Enrich

## Your Child's Learning Journey

### AUTUMN 2023

An overview of the Autumn curriculum for **Year 5**



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# ENGLISH

In writing, we will focus on describing characters' feelings and emotions, a conquering the monster narrative, a non-chronological report about Matthew Henson and poetry.

Children will be taught to:

- Use modal verbs to suggest degrees of possibility
- Post-modify noun phrases
- Use pronouns to create connections across a text
- Use relative clauses to add essential and non-essential information
- Use different sentence forms to show a character's emotions
- Use direct speech to convey characters and move action forward
- Show different narrative perspectives through past and present tense
- Use subordinate clauses to show that simultaneous actions in a narrative

# MATHEMATICS

You child will complete four units in Mathematics. They will begin with a unit on **number** and then revise and recap their previous work on **addition and subtraction**. They will then move onto **multiplication and fractions**.

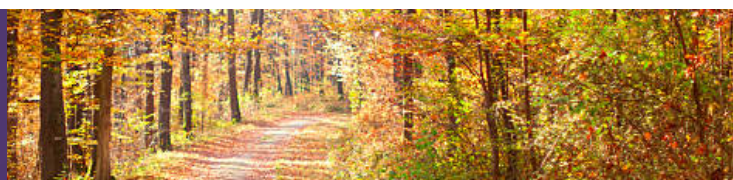
By the end of the unit on **Number**, they should:

- Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01.
- Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non- standard partitioning.
- Reason about the location of any number with up to 2 decimals places in the linear number system, including identifying the previous and next multiple of 1 and 0.1 and rounding to the nearest of each.
- Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.
- Convert between units of measure, including using common decimals and fractions.

They will then complete a short recap unit on **Addition and Subtraction**.

In **Multiplication and Division** they will learn to:

- Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.
- Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors.



Finally, in their work on **Fractions** they will:

- Find equivalent fractions and understand that they have the same value and the same position in the linear number system.
- Find non-unit fractions of quantities.
- Recall decimal fraction equivalents.

## HISTORY

### Maafa History

In the Maafa project, your child will learn about **Africa today and the ancient kingdoms that thrived on the continent for thousands of years**. They will learn about the **origins of the transatlantic slave trade** in the 15th century and Britain's involvement from the time of Elizabeth I, when John Hawkins became the first British slave trader. Your child will understand **the structure of the transatlantic slave trade** and the **consequences of enslavement** for enslaved people. They will also discover how the people of Britain benefited from the money and goods produced by the slave trade.

They will learn about the causes and consequences of the abolition of slavery in the 19th century, the **worldwide African diaspora and the European colonisation in Africa**. They will explore the **lives and actions of black people in 20th century Britain**. They will understand how the **Race Relations Act of 1965** became the first piece of British legislation to tackle racial discrimination and know that the Equality Act 2010 provides people with protection against racism and other forms of discrimination, today.

Your child will also explore the lives of black people who have made significant contributions to Britain and will celebrate black culture in Britain today.

## ART

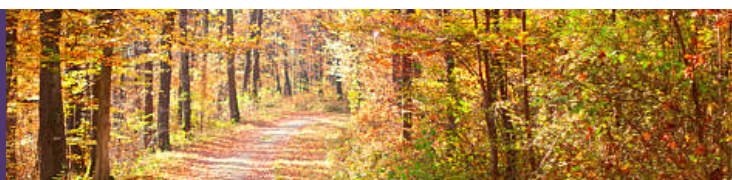
### Autumn 1 - Tints Tones and Shades

This project teaches children about **colour theory** by studying the colour wheel and exploring mixing tints, shades and tones. They learn about **significant landscape artworks** and features of landscapes before using this knowledge to create landscape paintings. This project also teaches children about **significant black artists and their work**, and provides opportunities to analyse and create artwork inspired by them.

## DT

### Autumn 2 - Food For Life

This project teaches children about **processed food and healthy food choices**. They make bread and pasta sauces and learn about the benefits of whole foods. They plan and make meals as part of a healthy daily menu, and evaluate their completed products.



# SCIENCE

## The Circulatory System

In the Circulatory System project, your child will revisit prior learning about the systems in the human body and **the seven life processes**. They will explore **the role of the circulatory system** and its main parts, carrying out research to answer their own questions. They will look closely at the **structure, functions and features of the heart**.

They will learn about the **components and functions of blood**, making a representation of a separated blood sample. They will draw and label diagrams of each type of blood vessel and learn about their structure and function. They will test their resting heart rate using a variety of methods. **They will investigate** whether having a lower resting heart rate means you can sprint faster. They will recap the four types of exercise and test which raise their heart rate the most.

They will recap what they know about healthy eating and the Eatwell guide, exploring foods that fall outside the Eatwell plate and recommended daily amounts of foods. **They will research the effects of smoking, alcohol and drugs on the human body**. They will complete their learning by carrying out an investigation into heart rate recovery.

# MUSIC

## Autumn 1 – Composition

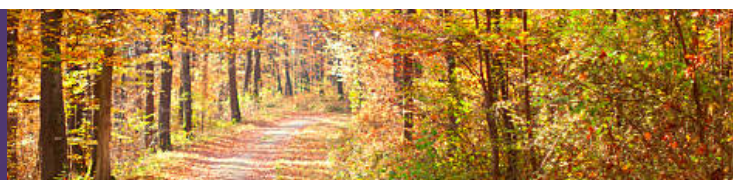
Based on the theme of Ancient Egypt, children learn to identify the pitch and rhythm of written notes and experiment with notating their compositions, developing their understanding of staff notation. They will learn to:

- Identify the **structure of a piece of music** and match this to non-standard notation.
- **Improvise** their own piece of music.
- **Play a melody with reasonable accuracy.**
- **Compose and play a melody using stave notation.**

## Autumn 1 – Film Music

Children will explore and identify the characteristics of film music. They will create a composition and graphic score to perform alongside a film and will learn to:

- Identify how different styles of music contribute to the feel of a film.
- **Use the terms 'major' and 'minor'.**
- **Use the terms pitch, tempo and dynamics confidently** to explore music.
- Give reasonable and thought-out suggestions for **what different graphic scores represent.**
- Create a **musical score** to represent a composition.



# COMPUTING

## Autumn 1 - Communicating and collaborating Online

In this unit children explore **how data is transferred over the internet**. They will initially focus on addressing, before they move on to the **makeup and structure of data packets**. Children then look at **how the internet facilitates online communication and collaboration**; they complete shared projects online and evaluate different methods of communication. Finally, they **learn how to communicate responsibly by considering what should and should not be shared on the internet**.

## Autumn 2 – Video Production

This unit gives children the opportunity to **learn how to create short videos in groups**. As they progress through this unit, they will be exposed to topic-based language and develop the skills of **capturing, editing, and manipulating video**. Learners are guided with step-by-step support to take their idea from conception to completion. At the conclusion of the unit, learners have the opportunity to reflect on and assess their progress in creating a video.

# PSHCE

Children will study three units on the themes of feelings and emotions, being responsible, and keeping and staying safe.

Our topic on **feelings and emotions** will focus on anger. Children will learn:

- Recognise that **everyone experiences emotions and that these can have physical effects on our body, both pleasant and unpleasant**
- explain how feelings can be communicated with or without words
- Recognise that we can choose how we act on our emotions and that our choices and actions can affect ourselves and other people
- Demonstrate a range of strategies to help control and manage unpleasant/ uncomfortable emotions, such as anger

We will then explore through the theme of **being responsible**, how we can look out for others.

- Recognise the importance of behaving in a responsible manner in a range of situations •
- Describe a range of situations where being on time is important
- Explain the importance of having rules in the home

Finally through the topic **keeping and staying safe** we will focus on peer pressure.

- identify strategies we can use to keep ourselves and others safe
- recognise ways to manage peer pressure
- explain the potential outcomes that may happen when we take risks
- recognise the impact and possible consequences of an accident or incident

