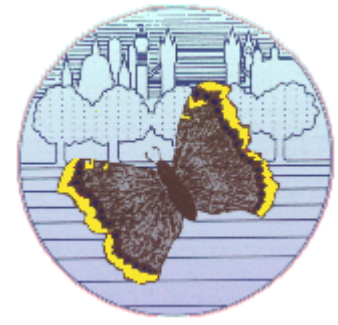


TERM *talk*

CURRICULUM NEWS FOR THE SCHOOL COMMUNITY

Issued termly Unit 1 and 2 Year 5 Autumn 2021



Maths

In Maths the children will first focus on **Number and Place Value**, they will continue to develop their number sense. This includes **reading, writing, comparing, ordering and rounding numbers to 100,000**. We will also be comparing and ordering decimal numbers to the nearest hundredth.

In **Addition and Subtraction**, pupils will continue to complete calculations and solve increasingly challenging multi-step problems using the column method.

As part of **Multiplication and Division**, it is essential that children know their **times tables, up to 12 x 12, by heart** because they need to have rapid recall of them. We will introduce the term **product**, be investigate **factor pairs** and learn about **square numbers** and solve written multiplication and division problems using 3 and 4 digit numbers. This will help the class improve their understanding of **Fractions**. In this topic we will continue to explore **Improper Fractions** and **Mixed numbers**, as well as exploring equivalent fractions. This will help the children when we begin to learn about **Percentages**.

The children will be consolidating their ability to tell the time—**please support them at home so they are confident reading clocks and telling the time to the nearest minute**

In **Measures**, we will be exploring **Mass and Capacity**. They will be able to convert between units of weight and capacity (grams to kg, ml to litres) and solve measures problems. We will also be learning to estimate and measure capacity using appropriate units and equipment, including mixed units of measurement, and record using decimal notation, in practical contexts.

Finally in **Geometry**, the children will be learning about reflection, symmetry, how to plot co-ordinates and translate shapes.

English

This term the children will be studying a Greek myth titled **Theseus and the Minotaur**. They will identify the main features of a Greek myth and get the opportunity to act in roles in a drama with their peers. They will then move on to planning and writing their own adapted myths. We read the story of **'The Odyssey'** (written by Gillian Cross), one of the greatest pieces of storytelling in the world.

As we do this, we will continue to remind ourselves about writing in properly punctuated sentences. We will look at how we can make our writing more interesting by using **adjectives, expanded noun phrases, similes, metaphors, adverbs and a wider choice of powerful verbs**.

As part of Black History month, we will study the book **'Hidden Figures'** which is about women's role in the 'space race'. This also links with our Science topic.

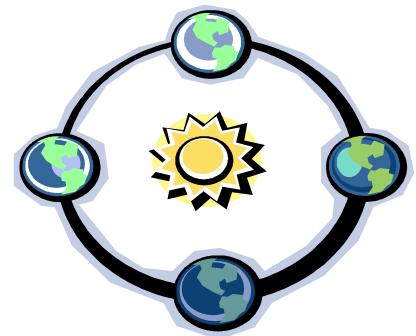
Finally we will looking at the way non-fiction writing is structured when we read the book **The Race To Space**.

When we explore each book, the children will be taught how to answer a range of challenging comprehension questions. This will link to the work the children will undertake in our whole class reading sessions.

Every week your child will be given new words to learn for their weekly spelling test. Please help them practice and learn them.

Science

At the beginning of this term, the children will be learning about the topic **'Earth and Space'**. This topic will include key information about the planets and other heavenly bodies like **the Sun and Moon**. The children will learn about the shapes and relative sizes of the Earth, Sun and Moon. Using models they will learn how these bodies move relative to each other and how these movements relate to night and day and the seasons of the year. They will also learn about the **phases of the moon**.



In the second half of the term, we will begin to study **Forces**. The children will find out about **gravity, air resistance, water resistance and friction**. Children will develop their understanding of balanced and unbalanced forces and their effects and investigate how mechanisms, like levers, pulleys and gears, help us to use smaller forces. Through practical activities, they will also be encouraged to conduct **fair tests, make predictions, investigate, make observations, measure accurately, record their results and draw conclusions**.

Throughout both topics, the children will also learn about famous Scientists, and Scientific Explorers including **Sir Isaac Newton and Mae Jamison**.

Our Foundation Subjects

History

In history the children will be learning about the **Ancient Greek** civilization, which is seen as the cradle of western civilisation. The children will learn about the history of the Olympics, Greek city-states, the development of 'democracy' in Athens. They will also learn how the Ancient Greeks have influenced many aspects of our lives today—including Science and Maths. As part of this topic, we will also be learning about some famous Greek citizens including the famous philosopher Aristotle, and the father of medicine Hippocrates. Finally, we will be learning about Greek artefacts and link this with our Art and Design focus.

Art and Design Technology

This term our focus will link with the topic of Ancient Greece. First we will be painting images of the Greek gods and goddesses and creating a 3D montage of Olympus. We will be also be exploring Greek Vases, designing one then making and decorating it using a range of modelling and art techniques.

As part of **Black History Month** we will be learning about the fantastic art work created by the **Turner Prize Winning artist, Chris Ofili**. The children will explore how he uses collage, including cut-outs from magazines, tiny mosaic-like dots of resin, glitter, pins and metallic surfaces to create amazing works of art. Then they will be encouraged to design their own piece of art work in



Computing

We are going to be spending the first half term this year focusing on E-safety work and ensuring that the children are safe when studying at home online. **Please see more information about how to keep you child safe on-line on the school's website.**

Towards the end of this term we will look at compiling our information into presentations within PowerPoint. Next half term we will look at **coding and programming**, using code.org to build on our skills from Year 4. Children will be creating and debugging algorithms. **Please lookout for more information about creating a Google classroom online account for your child, which will be shared with you over the next few weeks.**

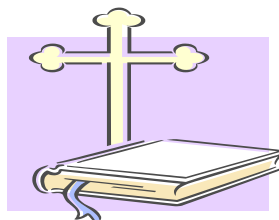


R.E.

Please see the separate R.E. newsletter.

The children will be taking part in **Class Collective Worship** sessions. They will be encouraged to take the lead in designing each Collective Worship session, write prayers and choose readings.

Copes of the weekly **Wednesday Word** can be found on the VLE.



Physical Education

This term we will be consolidating the gymnastic skills the children learned last year, and teaching them more sophisticated gymnastics skills through the support of our sports coaches. **Both Year 5 classes have their indoor P.E. lessons on Tuesdays. Outdoor P.E is Wednesdays for Class 5H and on Friday for Class 5I respectively.**

We will also be learning football and hockey skills throughout the term. The children will build upon their skills of fielding, dribbling, passing, aiming and defending in both sports. **As always we encourage the children to have a positive attitude to sport and work as a team, supporting and encouraging each other.**

Every week, we are aiming to run 'a mile', in order to help children improve their fitness and keep healthy.

Remember a healthy body makes a healthy mind!

Year 5 will take part in a cross-country competition in September. There will also be a boys and girls football competition, between schools in the local area, organised by Southwark Sports.

Please be reminded that wearing the correct P.E kit is essential. The kit should consist of:

- ◆ A plain white t-shirt
- ◆ A pair of blue/black shorts or jogging bottoms
- ◆ A pair of suitable trainers for outdoor games and plimsolls for indoor P.E. activities.

Homework : *Please encourage your child to read every night.* Your child has been given a new **Reading Diary**, which you can write your comments in.

Most of your child's homework will be on-line via the school's VLE, Google Classrooms and the My Maths and Timestables Rockstars websites. Please support and encourage your child to try their best with the homework. THANK YOU!