



Year 5 Autumn Newsletter 2019

Welcome to Year 5! We hope you had a brilliant summer.

This term Year 5 will be learning lots of new and exciting things. Our classroom is built on the Coppermill Golden rules and in this respect Supernova class has made a fantastic, positive start to the term.

In the second half of the term we will be participating in UK Parliament Week and are incredibly excited to have confirmed a visit to the Houses of Parliament in December.

If you have a concern or any questions, feel free to pop in and see me at the end of the school day at 3:30pm. I will be at the door ensuring children are safely dismissed.

Please be aware that time at the end of the day can be limited, so if you need to discuss anything in more detail, please call the school office on **020 8520 6267** to arrange an appointment. Alternatively, you can email the school at school@coppermill.waltham.sch.uk

Thank you for all your support. I look forward to an exciting term with your children!

Mr Dudley and Ms Woodgate



Literacy



We have begun Literacy this year with *The Nowhere Emporium*, a magical story by a little known Scottish author which has already caught the children's imaginations. It is being used for reading comprehension as well as to inspire creative narrative writing. You know you've got a great book when the children beg you to read on!

In the second half of the autumn term we will be reading the poem 'The Highwayman' by Alfred Noyes and developing our vocabulary as we try to understand the story. We'll be using it as inspiration for a number of pieces of written work including descriptive writing and a newspaper report.

Reading improves everything about a child's literacy and it is important that you help your child to read at home.

We expect children to read at home every day for around 15 minutes.

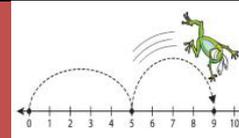
Here are some ideas for websites relating to literacy:

<http://www.bbc.co.uk/education> (Click KS2 > English)

<http://schoolreadinglist.co.uk/reading-lists-for-ks2-school-pupils/suggested-reading-list-for-year-5-pupils-ks2-age-9-10/>



Mathematics



This term in Maths the children will be building upon their knowledge of number. We will be exploring number and calculation and decimals and fractions. This will give the children a core knowledge and confidence with numbers which they will then build on throughout the rest of the year. In maths we teach the children through a mastery approach where they use their reasoning skills to deepen their understanding.

Here are some ideas for websites for the children to practise their maths skills:

<http://www.bbc.co.uk/bitesize/ks2/maths/>

<http://www.crickweb.co.uk/ks2numeracy.html>

<http://resources.woodlands-junior.kent.sch.uk/maths/timestable/interactive.htm>

<http://www.ictgames.com/resources.html>



Science

During the autumn term, Year Five will be set the challenge of explaining the major obstacles standing in the way of humanity reaching another planet, as well as how we could overcome them. This will lead them to work in groups to describe the movement of the Earth in relation to the Sun and other planets in the solar system. They will also consider the Moon and its movement relative to the Earth, as well as experiment with how the different shapes and sizes of moon craters could have been created. As their understanding deepens, they will use the idea of the Earth's rotation to explain day and night, investigating how this affects the way the Sun appears to move across the sky.

Once children have an understanding of some of the obstacles human face in space, they will explore the force of gravity. They will investigate how unsupported objects fall to Earth, exploring the potential ways we could overcome gravity and reduce drag forces. This will culminate in children designing their own streamlined bottle rockets, and seeing if they could overcome the force of gravity and make their own prototype space shuttle lift off.

There will be an emphasis on children working together to construct their own lines of enquiry and investigate scientific processes through practical experiments. They will also be given regular opportunities to consolidate their scientific understanding through linked writing tasks.

<http://www.bbc.co.uk/bitesize/science/>

<http://www.resources.woodlands-junior.kent.sch.uk/interactive/science>

<http://www.kidspot.com.au/kids-activities-and-games/science>



Humanities



Year Five will study the Ancient Greeks during the Autumn term.

We want children throughout the school to be able to build an overview of world history, understand when events happened in relation to each other and to be able to investigate and interpret the past. In this unit, pupils will be looking at Greek society and the origins of democracy and citizenship. Children will use their understanding of Greek society to look at similarities between Ancient Greek and modern society as well as some opportunities to see how this contrasts with other Ancient civilisations.

Children will also look at key events and how the Greeks were able to build and control an empire. Throughout the unit children will be using key historical skills such as interrogating evidence and making links throughout lessons to build hypotheses.



Computing

In the first part of this term, children will develop further ideas of how to use the internet safely in order to protect themselves and their peers.

Children will design a Greek mosaic garden and create a Sway to tell an Ancient Greek tale or poem. Children will also use the educational programme Minecraft to be creative, collaborate and problem solve.

www.thinkuknow.co.uk

www.kidsmart.org.uk

www.light-bot.com

www.code.org

www.scratch.mit.edu

www.lgfl.net



Art/Design & Technology

We have three art projects this term:

- 2D-Exploring Cartooning
- 3D- Grayson Perry -sculpture
- Collaborative project- Making a class Museum for Ancient Greece

We will develop technical skills as well as an appreciation for historically memorable artworks and their creators. We will be expressing our own opinions verbally and through our art.

A good website to encourage art at home is

<http://www.disney.co.uk/disney-junior/art-attack/>



R.E.



Where did the Christian bible come from?

Children will explore the Christian bible and learn about the history and importance of it. Children will also learn that there are different translations and what this means to Christians.



P.E.

This term P.E. will be on **Mondays**.

We will be developing our skills in a range of team sports, including netball, handball and basketball. In the second Autumn term we will be looking at dance and how movement can tell a story.

Please ensure that your child wears appropriate P.E. kit to school on their P.E. day, including footwear (trainers or plimsolls).



Home Learning

Homework will be handed out each Friday and is due in on the following Tuesday.

Your child will receive:

- Weekly maths homework
- Daily reading to be recorded on reading sheets
- Additionally, year 5 will receive termly 'home learning' projects