

Panshanger School Year 5 Autumn Newsletter

Welcome back to everyone and welcome to Year 5!

I hope you and your children are well rested and ready for the new term and school year.

The following is an overview of this term's planning for Year 5 which will be added to/ adapted as the term progresses according to the interests and needs of the children.

Literacy

There will be weekly whole class Guided Reading sessions where the children will experience a range of texts specifically chosen to develop the skills of inference and deduction as well as to develop their vocabulary and appreciation of different text types, authors etc. There will be many additional opportunities for the children to develop reading comprehension skills across the curriculum for example in History, Science and Geography.

Children's writing (encompassing sentence construction, punctuation, grammar, spelling, creativity and organisation) will be developed through studying and writing a range of text types including writing reports, persuasive writing, narrative writing based on Michael Morpurgo's *The Wreck of the Zanzibar*, and a range of poetic styles.



The work will be differentiated according to the ability of the child but all will be expected to achieve at the highest level of which they are capable.

Mathematics

Mathematics will continue to be taught on a daily basis however we will take every advantage to use maths in other subjects thus making the children aware of its use in everyday life in a range of situations. A range of topics other than number will also be covered including work on shape, angles, time, handling data and measures. The children will be encouraged and taught to explain their decisions, methods and results in different ways using mathematical language and number sentences.

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This all sounds quite daunting but I assure you the children will love maths by the end of the year (if they don't already!!) Below I have listed some of the key expectations for pupils by the end of Year 5:

- count in steps of powers of 10 of any number, read, write, order numbers to 1 000 000
- children are expected to read Roman numerals to 1 000 and recognise years written using them
- there are higher expectations with prime numbers and factors, including prime factors
- children will need to recognise cube numbers
- the children are expected to solve problems with numbers up to three decimal places
- the children are expected to be able to add and subtract fractions with the same denominator and related fractions
- they need to multiply proper fractions and mixed number fractions by whole numbers
- standard written methods are specified for all four operations when working with numbers that have more than four digits, informal methods are not given as an option
- they are expected to be able to estimate and calculate volume.

Science

In Science there is a shift towards a stronger sense of hard facts and "scientific knowledge" however the school still values and puts a lot of emphasis on practical, hands on experience. In the first term, the children will be learning about:

The Body and Keeping Healthy - This unit helps children to learn that there are many aspects to keeping healthy. Children learn about the heart and how heart beat is affected by exercise and relate this to what they already know about movement and exercise. There will also be a focus on healthy eating and the effect of drugs, tobacco and alcohol on the body.

In the second half of the term the topic is:

Earth, Sun and Moon - Children will be taught to:

describe the movement of the Earth and other planets relative to the sun in the solar system

describe the movement of the moon relative to the Earth

- describe the sun, Earth and moon as approximately spherical bodies
- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky



Other curriculum areas include:

- **Computing** - We will be looking at how to effectively use databases and perform effective internet searches
- **History** - a study of aspects of Viking History
- **Geography** - a study of coasts
- **DT** - a savoury cracker making project
- **PSHE** - a focus on developing a positive mindset
- **PE** - through twice weekly PE sessions, children will experience sports such as Gymnastics, Dance, Trampolining and Hockey
- **Art** - beginning with a unit on the Pop Art movement, followed by a unit based around the theme of water
- **RE** - *Rules for Living*, focusing on Christianity and Judaism and in the second half of the term, the focus will shift to *Light as a Symbol* within these two religions, particularly in celebrations.
- **Music** - weekly lessons on Tuesdays with Mr Mitchell
- **French** - weekly lessons on Wednesdays with Madame Bruce



Reminders

- We have PE on Mondays and Wednesdays but this could change. **Please ensure that your child has their kit in school all the time in case for any reason we have to change the lessons.** They should be fully equipped with both an indoor and outdoor kit. Please provide hair bands to tie back long hair. Should your child have pierced ears, tape must be provided to cover the earrings during PE times in accordance with Health and Safety rules. Please refer to the School Newsletter to remind yourselves about rules regarding school uniform.
- As a 'Healthy School' we want to promote water as the best drink through the day. Children are expected to arrive at school with a water bottle which they can access in the classroom. It is very disruptive if a child has to leave the classroom to get a drink.
- Book Bags should be in school every day as there are daily opportunities to read alone, with a friend, with adults in school. Your child should endeavor to spend a minimum of 5 - 10 minutes each day reading. Please ensure reading record books are **signed by a parent/ guardian** and each reading session is recorded by the child with a short comment in their record book. They will be checked every Friday. It is up to you the parents to ensure this reading takes place as the class teacher will not assume the child has read if there are no entries in the home school reading book.
- My 'surgery' day is Thursday but feel free to try to catch me as and when you need to.
- At least two pieces of Homework will be given out each week. These vary from 'practice' exercises to research culminating in a poster or leaflet. Whatever the task, a high standard of effort and presentation are expected as the norm and if a piece of work does not meet these high standards, it is likely that it will be returned for improvement. Golden time will be taken away if homework is not completed on time.