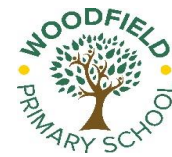
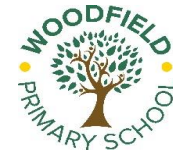


Spring Term



Year 5



MATHS:

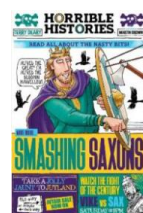
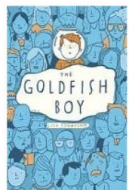
In our Maths lessons, we will be covering the following topics in the Spring Term:

- * **Fractions** – multiplying non-unit and unit fractions by a integer, multiplying mixed numbers by integers, finding fractions of amounts as well as finding the whole and using fractions as operators.
 - * **Decimals and Percentages**- writing decimals up to 2 decimal places, finding equivalent fractions and decimals of tenths and hundredths as well as looking at thousandths as fractions and decimals.
 - * **Measure** – finding the perimeter of rectangles, rectilinear shapes and polygons as well as finding the area and estimating the area of rectangles and compound shapes.
- Your child has a 'Times Table Rockstars' log in, please encourage your child to practise every day – just five minutes will help them to improve!

ENGLISH:

Children will be continuing to develop their reading and writing skills, beginning with the fantasy novel 'The Nowhere Emporium' as a stimulus for their writing. We will concentrate on writing in different genres, choosing where and when to use the correct vocabulary, punctuation and grammatical features to create the desired purpose and impact for the reader. As the term goes on, we will also be looking at fairy tales. As part of our English curriculum, reading is a high priority. We are now doing shared reading sessions four times a week outside of our English lessons which gives the children opportunities to develop fluency, improve and enhance vocabulary as well as work on retrieval and inference skills. As always, please encourage your child to read at home, on their own and to an adult or fluent reader. They can have a banded book and library books from school, as well as reading books from home. Please log all reading in their reading diaries.

Stuck for something to read? Try these...



A very warm welcome back to Year 5 after the holidays; we hope that the break was enjoyable. It has been lovely to see the children back in school and eager to start with their learning.

The Spring Term will certainly be a short but busy one for all of the children and we look forward to all the exciting events planned especially our upcoming visit to the Space Centre in Leicester!

We also have a year group assembly coming up later in the term. Letters will be sent out about this soon.

As usual, please don't hesitate to get in touch on Class Dojo with your child's class teacher should you, or they, need anything – we are here to help!

Meet the Team

5B Mrs Beasley (Year Leader)

5H Mrs Holliday

5W Miss White

Teaching Assistants:

Mrs Kaur & Mrs Parr



On **Mondays** (gymnastics) and **Wednesdays** (tag-rugby), children should come to school in their PE/Games kit. **They will remain in their kit all day.**

PE/games kit should include:

- plain white t-shirt
- plain black shorts
- plain dark coloured track suit/joggers (especially in the colder weather)
- black trainers for outdoors

HOMEWORK INFORMATION

Homework will be sent out on Fridays. Please bring in completed before the following Friday if you would like it to be checked by a teacher. The aim of homework is to support your child's learning and it will be linked to core curriculum subjects. Spellings will also need to be learnt each week ready and will be tested in school every Thursday. Your child has already been given a copy of the weekly spellings list and this has also been posted on Class Dojo.

Geography:

Within Geography, pupils will be identifying and comparing the types of land use found in rural and urban settlements in Wolverhampton and be able to describe and explain how the land use in the City of Wolverhampton has changed over time.



History:

In History we will be exploring the Unit Crime and Punishment. The unit concentrates on what motivates pupils: stories about criminals and how fairly they were dealt with. Above all the topic helps pupils to develop a deeper understanding of crucial historical concepts: change, continuity and turning point within time periods.

Music:

The children will be exploring 'Pop ballads' and in the second half-term exploring 'Old School Hip Hop' through listen and appraise activities as well as playing instruments in our music scheme 'Charanga'.



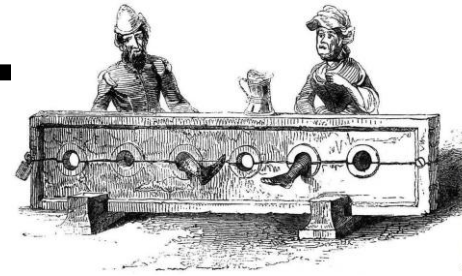
We will be discussing the emotion 'anger'. Anger looks at the ways in which we can manage our emotions when we are unable to do something we wanted to. The children will also be exploring 'image sharing' exploring how we can be pressured in to sending images and how to manage this.

WEEKLY HOMEWORK:

Maths and English homework will be given out on a weekly basis to consolidate what your child is learning in class.

In addition, your child may wish to practise their times tables using their TTRockstars log ins.

We also ask that your child reads regularly at home (daily if possible). Please ensure that your child enjoys the book that they are reading to instil reading for pleasure! Next week, your child will also be given a reading plus account, which can be used at home as well as at school to improve children's reading fluency.



Crime and Punishment

SCIENCE: This term we will be studying **Earth and Space** as well as **Forces**.

In Science, children will be working scientifically to investigate these questions

Earth and Space:

1. What makes up our solar system?
2. How do we have night and day?
3. What is an eclipse?
4. Does the moon change shape?
5. Why do we have seasons?
6. How do we know so much about space?



Forces:

1. Who were Sir Isaac Newton and Galileo Galilei and what did they do for science?
2. How does the surface area of a parachute affect its speed?
3. Can I investigate the effects of water resistance and friction?
4. Can I investigate friction?
5. How can I move an object more easily?
6. Can I use my knowledge to support or refute ideas about forces?

Computing:

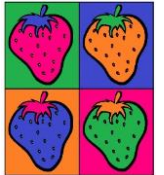
Pupils will become digital programmers in Spring 1 where they will be introduced to a micro-controller (a crumble kit) They will design and make a working model of a fairground carousel that will demonstrate their understanding of how the microcontroller and its components are connected. Finally, in the second half of Spring, pupils will explore flat-file databases and look at how tools within a database can help us to answer questions about data.

RE:

This half-term, the children will be studying the question 'What are the 5 pillars of Islam? During the second half-term, the children will look at, 'What did Jesus do to save human beings?'

ART:

Pupils will explore the works of Lichtenstein, Warhol and Hockney- famous 'Pop Art' artists. They will explore primary, secondary and tertiary colours on the colour wheel before painting their own landscape in the style of Hockney using bold colours and developing perspective. Pupils will also practise the screen printing technique and design their own stencil to finally create their own Pop Art work using screen printing using careful colour placement and paint techniques.



DT:

This term the children will be designing and creating their own automata toy (a hand-powered mechanism to create movement).

