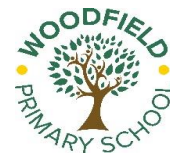


Summer Term

Year 5



MATHS:

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

- ***Statistics** – solve comparison, sum and difference problems using information presented in a line graph and complete, read and interpret information in tables, including timetables.
- ***Decimals** – to solve problems involving number up to three decimal places, read, write, order and compare numbers with up to three decimal places and recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- * **Geometry**- know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles, identify angles at a point and one whole turn (total 360°), angles at a point on a straight line and $1/2$ a turn (total 180°), multiples of 90° , draw given angles, and measure them in degrees ($^\circ$), use the properties of rectangles to deduce related facts and find missing lengths and angles, distinguish between regular and irregular polygons based on reasoning about equal sides and angles, identify horizontal and vertical lines and pairs of perpendicular and parallel lines and identify 3-D shapes, including cubes and other cuboids, from 2-D representations. Pupils will also describe positions on a 2-D grid as coordinates in the first quadrant, plot specified points and draw sides to complete a given polygon, identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.
- ***Measure** – convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints, solve problems involving converting between units of time, use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.

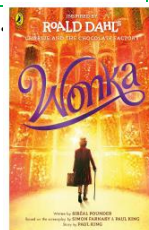
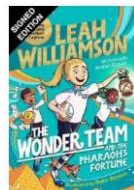
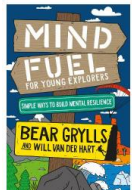
Your child has a 'Times Table Rockstars' log in, please encourage your child to practise every day – just five minutes will help them to improve!

ENGLISH:

Children will be continuing to develop their Reading and Writing skills, writing in a range of styles as well as reading challenging fiction and non-fiction texts as a stimulus for their writing. We will be looking at the texts 'Boy at the back of the Class' and 'What a Waste – How to help a Hedgehog and protect a Polar Bear'. We will also be developing our SPaG skills within our writing perfecting the use of commas, punctuation for parenthesis, colons and semi-colons. 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 as well as Reading Plus 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...



Welcome back everyone!

We hope that you all had an enjoyable Easter break and are thrilled to see you all back in school! Can you believe this is your child's last term in Year 5? This year has certainly gone by very quickly! The summer term is our favourite term in school but it's the busiest one of all! We have lots of events planned and look forward to our upcoming visit to the Black Country Living Museum. As usual, please don't hesitate to get in touch on Dojo with your child's class teacher should you, or they, need anything – we are here to help!

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 to 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.



Mondays:

Tennis & Dodgeball

Wednesdays:

Cricket & Athletics

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 **OR** plain dark coloured track suit/joggers
- trainers

Geography:

Within Geography we will be studying North America. Pupils will be able to name and locate some major countries and capital cities in North America and identify physical and human characteristics.



History:

This topic celebrates the history of the local area and revisits some topics previously taught in both Key Stages. The pupils will learn about the founding of the city in Anglo-Saxon times, the city's role in the final stage of the Gunpowder Plot, that Button Gwinnett who lived in the city went on to become a slave owner in the USA has one of the most valuable signatures in the world, that various records are associated with Wolverhampton and that the city's football team changed European football forever.

Music:

The children will be learning to play the fife every Wednesday afternoon with the Music School. Children will be allowed to bring these instruments home to practise too!



In the Summer Term, the children will be studying the topics 'Inclusion and Acceptance' and Year 5 First Aid.

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! Your child should also be logging onto Reading Plus regularly to earn certificates of progress in school.



History of Wolverhampton

ART:

Pupils will be exploring sculptures and learn that you should problem solve when constructing sculptures. They will develop ideas more independently towards an outcome, using their own research and plans. They will plan a sculpture, developing an idea in 2D into a three-dimensional piece and how to explore a greater range of materials to create 3D forms. They will also use their knowledge of tools, materials and processes to try alternative solutions and make improvements to their work.



SCIENCE: This term we will be studying Forces as well as Animals including Humans

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



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?



Animals Including Humans:

1. How do humans develop overtime?
2. How do babies grow?
3. What happens during puberty?
4. What changes occur during old age?
5. How does the gestation period differ between animals including humans?
6. Does the gestation period effect the life expectancy of an animal, including humans?

Computing:

Pupils will use previous knowledge and understanding of why and how information might be stored in a database, and look at how tools within a database can help us to answer questions about data. Finally in the second half of Summer, pupils will learn how to create short videos by working in pairs or 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.

RE:

This half-term, the children will be studying the question 'What does it mean to live as a Hindu today?' During the second half-term, they will be answering the key question 'What would Jesus do?'

DT:

This term the children will be designing and creating their own truss bridge.

