

Class information

Friday= Forest School

6S dates:

6H dates:

Thursday = PE (Every week starting 10/01/19)

Please ensure your child has the necessary kit on these days.

Homework

Homework is set on Friday, to be returned on Wednesday. The children will receive a house point for every piece of completed homework.

We are always keen to see any additional work, relating to our topic, that the children have done at home.

How can you help at home?

Ensure that your child completes their homework and returns it on time. Engage with your child's reading activities, discuss the book they are reading and ask questions as outlined. Encourage them to read regularly and practise times tables and spellings with your child. Encourage your child to use the internet to research our current topic and to improve their IT skills.

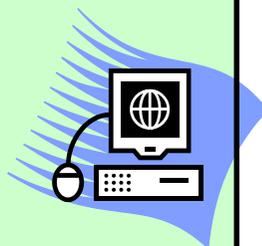
Useful websites

<https://play.trockstars.com/>

www.mymaths.co.uk

www.bbc.co.uk/schools/ks2bitesize

www.woodlands-junior.kent.co.uk



Curriculum Letter Year 6 January 2019

Important Information

Next Parents Evening: 12th and 14th February

A Note From The Year 6 Team

Welcome back and we hope that you all had a wonderful and relaxing break. We are really looking forward to this half terms exciting activities that we have planned for Year 6. Our topic this half term is a Computing based topic titled: Tomorrow's World. Miss Surtees and Mr Hayes.

Maths

In maths this half term, we will be working on these objectives:

Algebra

- Use simple formulae and generate and describe linear number sequences
- Expressing missing number problems algebraically

Geometry

- Recognise angles where they meet at a point, are on a straight line, or are vertically opposite and find missing angles.
- Find unknown angles in any triangles, quadrilaterals and regular polygons.

Measurement

- Use, read, write and convert standard units of length, mass, volume and time up to 3 decimal places (if necessary).
- Recognise that shapes with the same areas can have different perimeters and vice versa.
- Calculate the area of parallelograms and triangles

Fractions, decimals and percentages

- Recall and use equivalences between simple fractions, decimals and percentages including in different contexts.
- Find, add and subtract different fractions and percentages and apply them in other contexts.

Arithmetic

As well as covering the above objectives, children will also continue to work on applying key skills involving the four operations: multiplication, division, addition and subtraction.

Key maths vocabulary

partition, digits, inverse, decimal point, tenths, hundredths, thousandths, altogether, multiply, divide, add, subtract, altogether, total, equal to, difference between, how many more, greater/less than, measures, percentage, numerator, denominator, algebra, convert, length, metres, centimetres, millimetres, mass, kilometres, grams, kilograms, volume, hours, minutes, seconds, mixed number, improper fraction, angles, acute, obtuse, right angle.

Literacy

This term we will be exploring a range of Non-Fiction and Fiction texts including: Northern Lights by Philip Pullman and Kaspar Prince of Cats. These texts will inspire a range of literacy based learning activities developing their skills in speaking and listening, prediction, reading and writing for a range of different audiences and purposes. Genres of writing your children will explore this term include: Newspaper Reports, Diaries, Narratives, Discussion texts and Explanation texts. Your children will also be making links across the curriculum when knowledge and understanding gained during topic work will allow them to use and apply Year 6 Literacy skills in the context of their topic work, such as, persuasive writing and instructional writing.

Science

This unit builds on from the Year 4 Electricity unit. Children will learn to represent circuits using symbols in a diagram. They will learn about two of the most important scientific inventors in the field of electricity – Thomas Edison and Nikola Tesla. Children will get the opportunity to develop their understanding of what electricity is and how to measure it. As well as conducting their own investigation, they will get the opportunity to create their own torch!

Computing

This unit builds on the previous unit in Year 5 (Scratch: Developing Games) as well as prior units introducing Scratch in Year 2 and Year 4. The unit is designed to help children in continuing to develop their skills in writing their own algorithms as well as editing and debugging existing codes. New skills are introduced to structure code and animate characters and scenes, gradually building to create a short animated story. These lessons are intended for use in conjunction with Scratch 2 software installed. They can also be used with the Pyonkee App on iPads.

History

This Leisure and Entertainment in the 20th Century unit will teach your class in depth about the rise in popularity of cinema. They will learn about how and why football became the nation's favourite sport, the social and cultural importance of the 'Swinging Sixties', why British holiday camps emerged and how television has impacted modern life. Children will also learn about how developments in 20th century technology can make life in this century easier.

Design and Technology

During DT this half term, the unit 'Marbulous Structures' will provide the children opportunities to develop their understanding of more complex free standing structures and how they can be strengthened and reinforced. Children will gain knowledge and understanding about how to join and shape materials. Children will then apply these skills, using an iterative design process, to create their marble runs. Finally, children will test and evaluate their marble runs against design criteria.

P.E.

Over the next few weeks Year 6 will be covering a Unit called 'Invasion Games'. Recapping on the fundamental skills needed to play a range of invasion games, such as dribbling with the ball, passing and keeping possession. It also covers attacking skills, such as shooting and changing direction with the ball in football using the drag back and stop turn. Defending skills such as shadowing and tackling are also covered. The unit culminates in the children inventing, playing and evaluating their own invasion games to include elements such as invading/attacking, protecting/defending and a scoring system. There are numerous opportunities for leading others within the lessons through warm-ups, cool-downs and other activities. Children will have the opportunity to take part in individual, paired and small group activities as well as to play a range of team games to enable them to practise and improve their skills.

Please make sure your child has a plain white t-shirt, dark shorts/jogging bottoms and appropriate footwear. Often we take the children outside to participate in P.E., so please make sure your child has suitable clothing and footwear to take part in.