Curriculum Information for Parents
Autumn Term 2018

**Speaking and Listening**

The children will be encouraged to develop their confidence and verbal presentation skills through frequent planned opportunities throughout the day. The children will be asked to discuss their work, learning and ideas with partners, in small group situations, as well as with the whole class. They will also be asked to respond to comments made by others in the class in Philosophy sessions.

**Reading and Writing**

Our English lessons will initially use Cosmic Disco, a selection of poetry, to improve vocabulary, sentence structures and writing techniques. Teaching will encourage the children to enjoy reading and make book recommendations to others. Each week, the class will have a spelling, punctuation and grammar focus. These may be reinforced through homework tasks. In addition to daily English lessons, the children will have Reading sessions with a particular focus on inference and comprehension skills.

**Number**

Our focus in Maths this term will be on numbers. Through the use of Numicon and other physical apparatus such as cuisenaire rods, children will be developing their knowledge and understanding of the number system by extending their place value skills and improving their ability to add, subtract, multiply and divide. This will include ordering and comparing numbers up to 1,000,000 and rounding any number (up to 1,000,000) to the nearest 10, 100, 1000, 10000 and 100000. We will also be learning to read Roman numerals to 1000 (M).

Most children will be expected to solve problems using their knowledge of factors and multiples. We will learn to interpret negative numbers in context and learn to recognise and use square numbers and cube. Children will be securing their understanding of formal written methods for addition, subtraction, multiplication and division, including long multiplication for 2 digit numbers and short division with remainders.

**Science**

During the first half term, the children will be studying Space, the solar system and forces. We will be looking at the different planets within our solar system, the day and night cycle as well as researching about the moon and addressing children's common misconceptions about it.

We will learn about the phases of the moon and will also investigate the force of gravity and its impact on us. We will explore how craters are formed and why some planets have more craters than others.

**Computing**

This term's computing lessons will focus on the importance of Internet safety. The children will discuss appropriate online behaviour and what to do if they encounter cyber-bullying. They will also learn about and understand the purpose of different different devices on a computer network as well as learning how to search efficiently and safely for particular information on the internet.
First half of Autumn Term:

Stargazers

This half term, the children will embark on a topic called Stargazers. In Science, they will be exploring space and our solar system. In History, we will be looking at important famous individuals such as Galileo and Sir Isaac Newton and discovering why they are still so important in the field of Science today.

In Art and DT, they will use printing techniques to create an artistic representation of the moon's cycles. During RE lessons this term, the children will learn about marriages in different religions. They will discover that many faiths share common features and values as well as interesting differences.

In French, the children will be learning the vocabulary linked to the themes of ‘The 4 Seasons’ and ‘The Weather’. They will be constructing their own sentences based on these themes.

In Music, the children will be singing a variety of songs individually and in groups. They will also be listening to different styles of music.

After the half term holiday:

Off with Her Head!

In the next half term, the children will embark on a Tudor History topic. They will explore the impact of the Tudors on Britain. They will look at how the landscape and the society of Britain changed during the reign of the Tudors.

In Geography, we will be looking at historical maps and comparing them to those of today. In Music, we will be listening to a range of courtly Tudor music and identifying what we can hear and how the music makes us feel.

In French, the children will be learning the vocabulary linked to the theme of ‘My House’. They will be constructing their own questions and answers based on this theme.

PE and Dance

Please make sure that your child has correct PE kit (labelled) in school at all times.

Y5 PE will start with Dance

This half term in Dance the children will be creating their own warm up phrases to music. They will also be creating and linking dance phrases based on the theme ‘The War of the Worlds’, with a focus on developing their use of different dynamic qualities.

Next half term, the children will be doing Gymnastics. They will be creating sequences, on the floor and on the apparatus, based on the theme of ‘Counter balance / Counter tension’.

Additional Information

Homework expectations: The children will benefit from short, daily reading sessions at home and are expected to share their response on DB. Children should also practice their times tables regularly so that they are able to recall multiplication and division facts instantly. The children will be given homework each Friday which will be due in the following Wednesday.

Useful websites:
http://www.bbc.co.uk/education/topics/zkbbkqt
www.espresso.co.uk (U: student21068   P: fairway1)
DB Primary (login from our school website)
www.spag.com - children have their own logins
www.topmarks.co.uk

Possible family visits:
The British Museum (free admission)
The Science Museum (free admission)
Greenwich Observatory

Forthcoming events:
Possible visit to Hampton Court Palace or the Charterhouse - to be confirmed

Please see the school website for other events.