



CURRICULUM NEWSLETTER: Holly Autumn 2nd half term, 2018. Theme: Stargazers

Science: Children will describe the movement of the Earth and other planets relative to the Sun and the solar system. They will also use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

English: Reading and writing skills will be developed through the use of the key text 'Northern Lights' by Philip Pullman. Pupils will write a story set in outer space and will also use formal language to write a newspaper report.

PE: Children will be engaged in netball and dodgeball activities. PE kits need to be labelled and in school every day. PE lessons: Thursdays; Forest School: Mondays.

Art and Design: Children will improve their mastery of art techniques to sketch the phases of the moon.

Music: Children will explore musical vocabulary and explain why a piece of music might have been composed.

Maths:

Children will have the opportunity to deepen their understanding of mathematics by using concrete resources and pictorial representations and will develop their ability to explain their reasoning about mathematics.

In the autumn term, Year 6 will explore the following topics in depth: comparing and ordering fractions; adding, subtracting, multiplying and dividing fractions and using equivalence between fractions, decimals and percentages.

**Main curriculum focus:
Science: 'Stargazers'**

History and Geography: Children will be finding out about the discoveries made by Isaac Newton and Galileo Galilei. In Geography, pupils will use aerial images to identify the Earth's geographical features.

Design and Technology: Pupils will use stitching techniques and layering to create a moonscape textile sample.

MFL: In French, children will be learning to read and write words linked to food and drink. They will learn how to ask for food items through role play activities.

Computing: Children will be learning about the topic 'We Are Project Managers'

RE: In RE, children will be exploring the question 'If God is everywhere, why go to a place of worship?'

P.H.S.E: Children will explore the themes of motivation and tolerance and respect and will take part in Anti-Bullying Week.

Homework: Autumn 2nd Half Term

Spellings – These will be part of the No Nonsense Spellings system taught daily in school. Children will log tricky spellings in their planners and should aim to practise these spellings for 10 minutes every day.

English and Maths – 1 piece of English homework and 1 piece of Maths homework will be set per week. It will be set on a Wednesday and should be handed in on the following Monday.

Reading – Books, set by school, will be changed regularly. If your child is a free reader, they can change their book whenever you have recorded in their planner that they have completed it. Please comment at least **five times a week** in your child's planner about your child's reading. Additionally, children can read other texts that interest them other than the books set by school during the week.

Creative Homework – Over the holidays, the pupils' mission is to design a rocket for the UK Space Agency. It will be tested for robustness and distance travelled.

Other activities that you could undertake to support your child's learning this half term include: Support your child to learn the times tables up to 12 X 12, plus related division facts, and recite them at speed.