

Year 5 Spring 2 Out of this World

Maths

We will begin the half term by learning how to multiply unit, non unit and mixed number fractions by integers. We will explore how to calculate fractions of amounts and how to use fractions as operators. We will order and compare decimal numbers. Daily fluency sessions will also develop our rapid recall and fluency in number facts and calculation. Please do make use of the TT Rockstars app to reinforce fluency of times tables and to keep your class in tip top shape for the weekly battles!



Understanding Arts and Culture

Music: We will be exploring Music related to elements of the solar system, learning how to play and notate melodic ostinatos and how dynamics can be recorded using a graph to show changes in volume.

Art: We will be exploring a digital media project. We will be using software to explore how art can be manipulated. We will look closely at the work of Mondrian, Picasso and Seurat.

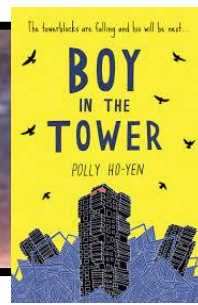


Understanding the World

Geography: We will be exploring ecosystems including learning about biomes, vegetation belts and climate zones.

RE: We will be exploring the Last Supper and the themes associated with it as well as the symbolism associated with the Jewish festival of Passover.

Spanish: We will be developing our vocabulary to describe clothes and what we are wearing.



Understanding Science and Technology

Science: We will be learning about Forces. We will be able to describe gravity acting on falling objects. We will explore the effects of air resistance, water resistance and friction. We will investigate how mechanisms such as pulleys, levers and gears allow a small force to have a greater effect.

Computing: We will be studying flat file databases as part of our learning of Data and Information.

DT: We will be designing and developing our own moving cam toy. We will have a visit from an outside company who will help us create our toys safely using special equipment and resources where we will cut, shape and glue.

English

We will begin by exploring the book 'Cloud Tea Monkeys.' Throughout this unit we will be developing our writing stamina with particular consideration for our reader. We will also be exploring some beautiful texts as part of our book week, during which we will be writing for a range of purposes and with great creativity. We will then develop our ability to create suspense and mystery in response to our study of 'The Boy In The Tower.'

We will also be reading a range of rich texts that link to our topic.

We will continue to follow our No Nonsense Spelling scheme and continue to use Monster Phonics to reinforce our understanding of sounds.

Understanding our Health and Well-Being

PE: We will be developing our skills in Netball.

PSHE: Our topic this half term is 'Healthy Me.' We will be learning about the risks associated with smoking and alcohol. We will be exploring our feelings towards our own body image and understanding how the media can certain body types. We will explore our relationship with food and how we can lead a healthy lifestyle.



"Learn. Believe. Achieve."

Our School Values: Resilient, Persistent, Self-Motivated, Risk-Takers, Creative, Good Citizens, Entrepreneurial

Dear Parents/Carers,

Welcome back. We hope you had a restful and enjoyable half term break.

Our topic this half term will continue to be 'Out of this World.' It will centre around our scientific learning of 'Earth and Space.' We will also begin to explore our next Science topic of 'Forces.' We will also be having a half day DT workshop where we will be making our own moving cam toys. Further information regarding this event will be sent out in due course.

Weekly homework will be set via one of our online learning platforms, such as Education City.

We would encourage you to please spend some time at home each week practising the spellings and times tables/maths strategies we are working on in class. Please also read together with your child every day as it really does make such an enormous difference to their ability to read with fluency, confidence and understanding; reading records should be in book bags daily.

PE Kits should be in school every day as timetabling can change due to unpredictable weather.

Please continue to use your class email address to contact your child's teacher if you have any questions.

Thank you,

Miss Palmer, Miss George and Miss Owens.