Year 5, Autumn 1
Earth and Space

Welcome to Year 5 Rowan!

We are very excited to begin our new school year by learning all about Earth and space. All queries and questions can be written into home-school diaries which are checked regularly, or emailed to staff@broughtonprimary.co.uk

Reading

In UKS2, we ask that our pupils read every night for 20 minutes. Ideally, there should be opportunities for conversation, discussion and questions about what has been read. An adult should sign the home-school diary, each day, to acknowledge the learning.

Children will change their books once a week on a Tuesday. Pupils should read their book twice during the course of the week and at the end, they should write a few sentences about their thoughts or opinions in the homework section of the home-school record.

'Reading is fundamental to education. Proficiency in reading, writing and spoken language is vital for pupils' success.' - (Department of Education, 2023)

Homework

Topic: Children should complete **at least two** of the tasks on the topic homework sheet. Pupils can bring their work into school, or email it to staff@broughtonprimary.co.uk

TTRS: Every Wednesday, children should engage with TTRS and continue to embed their times-table knowledge.

Maths.co.uk: Maths homework linked to class learning will be set once a week. Children should make sure they use paper and pens for their jottings. http://maths.co.uk

Spag: Spag homework will also link with, and support, what is being learned in class. It should take 20 minutes to complete and children should complete this independently. https://www.spag.com

English

Our book this half term is 'Cosmic' by Frank Cottrell Boyce. The children will consider and explore character development within a dilemma. They will look at structure, vocabulary and grammar and create their own characters and plots based on their reading. Pupils will draw an imaginative picture of a fantasy world and draw inferences about feelings and actions.

Topic

Our geography will link strongly with the science topic. Children will use maps, globes and atlases to identify the position of the Equator, lines of latitude and longitude and time zones. In history, children will learn about the Space Race. We will place new knowledge within our broader understanding of time and focus specifically on the role and significance of technology within the 20th Century. Children will consider historical significance and interpretation. During Black History Week children will study the Benin Bronzes which will link to our guided reading book, *Children of the Benin Kingdom* by Dinah Orji.

PE

This term our PE lessons will take place on a Thursday afternoon with Ms Lowe and a Friday afternoon with Mr Ward. It is vital that your child attends school wearing their PE kit.

Maths

We will begin by looking at number and place value within 1,000,000. Children will learn how to read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit. Following this we will work on adding and subtracting whole numbers with more than four digits including formal written methods (columnar addition and subtraction).
Children will be given regular opportunities to solve one and two step problems using these skills.

DT

Children will begin this unit looking at the art discipline of printing. They will expand on their knowledge of the printing process using QuickPrint polystyrene to include Lino blocks and etching tools. They will work in steps to create a rocket-themed print with three overlays before using a range of media to embellish and add details. Children will then use computers or iPads to design 3D rocket designs using the TinkerCAD program.

Computing

In computing, the children will discover how search engines work and how they select and rank results. Pupils will learn about what influences searching and compare different search engines.

Science

The science topic this term is 'Earth and Space'. Children will learn key vocabulary related to the movement of the Earth and other planets relative to the Sun in the solar system.
The children will also learn how the movement of the Sun, Earth and Moon are used to give years and days, and day and night. Pupils will be able to describe the Sun, Earth and Moon as approximately spherical bodies. Pupils will learn about how the Moon orbits the Earth and that changes to the appearance of the Moon are evidence for this.

RE

In our *questful* RE lessons, the children will deepen their understanding of the importance and impact of the contents of the Bible on the lives of Christians. Pupils will continue to develop their understanding of the significance of holy books in the lives of people of all world faiths. Our Christian Values this half term are courage, justice and truth.

Spanish

This term we will return to basics to reinforce basic grammar and punctuation before learning about describing ourselves and our families.