

D.T

Children will investigate moving toys, the mechanisms and cams and how to safely create our own moon buggies. We will then move onto creating pop up books in the second half-term considering mechanisms illustrations and evaluating our designs against existing products.

English

In English, we will be reading 'Phoenix' and base some of our writing units off of this text. We will continue to develop our spelling and composition skills through a variety of written outcome units: diary entry, narrative writing and non-chronological reports.

In guided reading, we will be discussing 'George's secret key to the universe' as well as continuing to build our repertoire of high-quality texts through poetry, songs, non-fiction texts and linked extracts.

We will continue to develop reading for pleasure strategies through focused author studies linked to the above texts.

Maths

In maths we will be looking at multiplication and division to begin with. We will then move onto looking at fractions and how we can convert fractions from mixed numbers to improper. We will be consolidating our fraction knowledge, adding, subtracting and multiplying fractions. Finally we will focus on decimals and percentages and their relationship to fractions.

Theme

This term we will be focussing on land, sea and space. We will focus on the geography of a European country and investigate a famous river and its trade links.

We will learn about biomes, climate and physical features of Yosemite National Park and how tourism can impact on the environment. We will make comparisons to the UK.

We will also focus on the solar system and study how and why the Earth orbits. In the second half term, we will focus on forces and this will link with space buggies.

Music

In music, we will be focusing on our musicianship and performing skills with Mr King. We will be exploring our composition and performance skills through Samba.

Year 5 Term 2

Land, Sea and Space

R.E.

In R.E, we will study the unit 'Faith in Action'. We will discuss who and what can be considered good and bad influences. We will focus on significant faith founders and consider their influences. We will focus on Christianity, Buddhism, Sikhism and compare key religious belief between the faith founders. We will consider Easter traditions and make comparisons between different religions.

PSHE

Our unit for spring is 'Dreams and Goals'. We will explore new year's resolutions, school-based goals and long-term goals for the future considering overcoming obstacles to ensure we reach our goals.

P.E.

In PE, we will be developing our invasion skills through Tag Rugby, our strength and flexibility skills in gymnastics before moving onto bat and ball skills in cricket and tennis.

Science

In science, we will initially look at the solar system. We will understand how the Earth rotates and how this links to the sun. We will investigate the phases of the moon. We will then move onto explore forces, recognising the effects of friction, water resistance, air resistance and upthrust. We will look at how some mechanisms allow a smaller force to have a greater effect.

Geography

In geography, we will be recapping using maps and compass points to identify the 7 continents of the world, their oceans, the Equator and the Poles. We will learn about the differences between human and physical geography and we will study a European country and its famous rivers. We will focus on food miles and the impact tourism has on the environment. We will then move onto focussing on America and explore the Yosemite National Park and the animal and plant life found there. We will compare Yosemite National park to a national park in the UK.

Computing

In computing, we will be learning about programming using Crumble controller before learning how to use Microsoft Excel to log data and information.