



Year 6 Curriculum Overview – Spring 2

Maths

In maths this half term, we will be learning about ratio and proportion. We will use ratio to compare values using the : sign and understand that it means 'for every'. We will learn how to solve a range of problems involving ratio and proportion. We will also explore algebra and learn to use simple formulae and equations. Finally, we will learn to read and write co-ordinates to describe position and we will translate and reflect shapes and co-ordinates on a grid. Alongside this, in our basic skills sessions and daily homework, we will be practising and securing a wide range of arithmetic skills.



Visits

Tuesday 5th March – Robotics coding club at Nissan
Monday 18th March – community litter pick

English

In English this half term, we will be writing for a range of purposes and audiences. This will include first person and biographical writing linked to the achievements of Malala Yousafzai. We will continue to develop our writing by applying the grammar and punctuation we have learnt so far. We will continue to have dedicated reading and grammar lessons to help us prepare for assessments later this year. We will continue to learn spelling rules and high frequency words weekly (see spelling overview) as well as revisiting words from previous year groups. We will also be reading our class novel 'The Impossible Boy' during our guided reading sessions.

Computing

In computing this half term, our focus will be coding. We will plan, design and make a computer program using functions, flowcharts and control simulations.

RE

In RE this half term, we will learn the connections between the Christian belief in Jesus' death as a sacrifice and how they celebrate Holy Communion/Lord's Supper.

PE – Gymnastics (Coach)

In our PE sessions this half term, we will learn how to create a range of shapes with our bodies. Throughout each lesson, children will be encouraged to evaluate their own and others' performances.

DT

In DT this half term, we will be exploring mechanisms with a focus on pulleys. We will identify how pulleys are used in everyday life and explore how they work before designing, making and evaluating our own pulley operated toy vehicle.

Science

In science this half term, we will be learning about living things and their habitat. The children will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. They will be encouraged to give reasons for classifying plants and animals based on specific characteristics.

Geography

In geography this half term, we will be learning about mountains. We will begin by learning about how mountains are formed and the different types of mountain. We will then use an atlas to identify key mountain ranges within the UK and to locate the highest mountains in England, Scotland, Ireland and Wales. We will also locate key mountain ranges across the world. Finally, we will learn about contour lines and how they are used to show a mountain's height above sea level.

Spanish

In Spanish this half term, we will be learning to name different pets. We will talk about the pets we do and do not have. We will use simple conjunctions to extend our sentences.