

Maths

This half term we will be focusing on:

Ratio and Proportion which will involve using the language of ratio, ratio and fraction, introducing the ratio symbol, calculating ratio, using scale factors, calculating scale factors and ratio and proportion problems.

Shape which will involve measuring accurately with a protractor, calculating angles, vertically opposite angles, angles in a triangle, angles in quadrilaterals and regular polygons.

Position and direction which will include drawing shapes accurately, recognising nets of 3D shapes and translations and reflections in four quadrants.

Statistics which will include reading and interpreting line graphs, drawing and solving problems with line graphs, reading and interpreting pie charts and drawing pie charts.

As part of our maths work we will be revising many of the objectives we have covered to date, in preparation for the National Curriculum Tests (SATs) in May.

ICT

Networks

We will be asking ourselves what we already know about the internet, finding out about LAN and WAN. We will explore the 'age of the internet' as well as asking ourselves what the future might hold for internet exploration.

MFL

We will continue to learn Spanish with the specialist Spanish teacher from Cambourne Village College, developing our speaking and writing skills.

Science

After we have completed our learning about electricity we will be looking at the unit entitled, ***Light up your world.***

We will have a focus on light, developing our understanding of mirrors and the reflections they form. We will apply this knowledge to create a periscope.

English

This term we will be writing an information leaflet about North America. We will also be writing diary entries, descriptions and a short story.

In addition we will also be looking at applying grammatical rules and spelling strategies in independent writing. In reading we will also be focusing on active reading strategies, using inference and deduction when analysing texts.

PSHE

We will consider situations involving change and loss in a range of contexts, including moving home, changing schools, bereavement and family change. The children will learn to understand that change is an inevitable part of everyone's lives, and that changes can have positive and negative aspects to them. They will develop strategies that might help them to manage change in the future, including during transition to secondary school.

Geography

We will be exploring the human geography and physical geographical features of North America, such as the Rocky Mountains, Panama Canal and the Grand Canyon. We will revisit our atlas skills to locate states in North America and research their capital cities and time zones. We will also complete a comparative study between a North American city and one here in the UK.

Year Six - Spring Term 2

The Wonders of North America

PE

Games: Hockey

We will continue to develop our hockey skills in preparation for an intra school competition.

Dance: We will continue to develop, improve and critique our James Bond style dances.

Art

We will be using the landscapes of North America as inspiration to finish drawings and paint abstract pictures. We will explore the work of the artists John Singer Sargent and Helen Frankenthaler alongside the photographer Ansel Adams.

RE

Buddhism

We will be asking the questions:
What does Buddhism mean?
Can we all be a Buddhist?
Do possessions make us happy?
Our discussions will link to the Vesak festival in May.

Delphinus and Pegasus Class

We are excited by this topic and love delving into North America. We hope that the children are looking forward to the exciting activities we have planned for the second part of the Spring term. If you have any queries or concerns at any point during the term please do not hesitate to contact us or make an appointment to meet Mr Yates or Mrs Johnson

PGL Payments

A list of the remaining PGL payments for those using the monthly payment schedule is included in the 'Important Dates' section at the end of this letter. For those using payment scheme A please may we remind you that the final balance is payable by **Tuesday 18th March**.

Homework

Homework will differ in format from last half term. The children will receive a piece of differentiated maths, reading and SPAG in preparation for the SATs next half term. Children will be expected to hand in one piece of work as usual on a Monday and each homework task should take a minimum of 40 minutes. In addition to this, maths and spelling homework will continue to be set separately. Maths homework will always consist of differentiated tasks which enable the children to practise previously taught skills. The emphasis will be on spelling rules, patterns and strategies or vocabulary which is relevant to our topic work. Our aim is to see the children using the spellings that we set in their written work with increased accuracy throughout the term. If your child has any problems with any part of their homework, they have been told to come to discuss the task with us **before Thursday**. If the homework is not completed to a good standard then it may need to be repeated. Please feel free to write comments in your child's book as to how you feel they coped with the tasks.

KS2 SATs

Throughout the term we will be preparing the children for the National Curriculum Tests (known as SATs) which are scheduled for the week beginning 11th May. Our aim is to ensure that the children approach the SATs with confidence and do not feel worried or daunted by them. If you have any questions or concerns about the tests please do not hesitate to contact us.

Ways in which you can help your child:

- * Practise the 4 written operations of calculation with your child as well as fractions – this can be done on Mathletics
- * Regularly read with your child and discuss what they have read in order for them to complete their reading record
- * Test your child on their spellings and their meaning and find other words that follow similar patterns
- * Practise telling the time including time intervals
- * Give opportunities to use money, including calculating change
- * Practise times tables facts and related division facts (up to 12 x 12)
- * Discuss and practise way for your child to stay stress free and have a positive mind set. Why not try some yoga: <https://www.cosmickids.com/category/watch/>

PE

Children must have their correct PE kit in school at all times. To avoid unnecessary disruption to the curriculum please ensure that your child brings their PE kit to school on Monday and that it is taken home to be washed on Friday. Children will need **both indoor kit** (blue shorts and a white T shirt) **and outdoor kit** (warm jogging bottoms, a warm sweatshirt and sensible, supportive training shoes) at all times throughout the term as outdoor games will take place each week. Children will only be excused from PE on medical grounds if we receive a letter from the parent/carer.

IMPORTANT DIARY DATES

Monday 24 th February	Children return to school
Thursday 5 th March	World book day – children to dress up as a book character
Friday 6 th March	Mid-Year Reports sent home
Wednesday 18 th March	Final PGL payment due
Thursday 26 th March	Parent Consultations
Tuesday 31 st March	Parent Consultations
Wednesday 1 st April	End of Spring term