

Maths

Ratio and Proportion which will involve:

Using ratio language, 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 with a protractor, calculating angles, vertically opposite angles, angles in a triangle and angles in quadrilaterals and regular polygons.

Position and direction which will involve:

Drawing shapes accurately and Nets of 3D shapes, the first quadrant, four quadrants, translations and reflections.

Statistics which will include:

Reading and interpreting line graphs, drawing and solve problems with line graphs, reading and interpreting pie charts and drawing pie charts.

Science

Our focus will be on the heart and how the circulatory system works. As part of our topic, we will be carrying out an investigation on what effect altitude and exercise has on the way the heart works. This will give us an insight into the extreme conditions in which Shackleton's team had to survive.

English

We will be using Shackleton's expedition as our stimulus, writing a range of genres, including: fiction, journalistic writing information text and discussion.

Opportunities for editing and reviewing writing will continue to be a key focus. Applying grammatical rules and spelling strategies in independent writing will also be a key focus. We will also continue to develop active reading strategies, using inference and deduction when analysing texts.

Year Six – Spring Term 2

Endurance

DT

Energy Bars

We will research the ingredients and nutritional value of energy bars before designing and making our own.

PE

Games: Shackleton's voyage required him to navigate his way to the North Pole, we will be focusing on developing our own navigation skills through orienteering.

Athletics: We will be looking at all the aspects of a decathlon and creating our own 'Shackleton Races'.

MFL

We will continue to learn Spanish, developing our speaking and writing skills.

ICT

Coding

Children will use coding on purple mash to follow flowcharts to create and debug code and create flowcharts for algorithms using 2Chart. They will be creative with the way they code to generate novel visual effects.

History

We will investigate Tudor exploration and the impact that this has had on our lives today. We will focus on the conditions on board a Tudor ship and the life of Francis Drake and his voyages of exploration.

PSHE

Managing safety and risk

This unit builds on children's understanding of the concept of risk and helps them to consider ways of responding to physical, social and emotional risk. They will learn about positive and negative consequences of taking risks in situations which might be physically, socially or emotionally risky and explore a range of ways to respond to risks including the 'Stop, Decide, Do' strategy and relying on their 'Networks of Support'.

Delphinus and Pegasus Class

The Year 6 classrooms are buzzing with energy as we prepare the children for their SATs papers in May. Alongside all of the very important learning listed on the curriculum map, we are also continuing to focus on well-being and emotion health activities to support the children with the many changes that they have and will encounter this year. Thank you for all of your support and hard work, we were pleased to see so many parents attend the recent SATs information evening via zoom. As always, Mrs Johnson and Mr Yates are available via the school office for any concerns or queries.

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 **Monday 25th April**.

Homework

Seesaw has been a resounding legacy of the lockdown period and we continue to use it as a school to set and receive homework. The topic grid will be set as an activity weekly for the children to respond to. We are also asking for evidence from the reading record is recorded in the response to this task. There is also a page for the scores from the Readwriter Spelling programme and the Mathletics programme to be added. Children have the opportunity to add this at school via a class I-pad if needed. Homework will continue to be set on a Monday and checked for completion the following Monday, allowing the weekend for any longer tasks. Please be reminded of the expectation for daily reading (15 minutes) and spelling practise (5 minutes).

KS2 SATs

KS2 SATs are due to take place nationally during the week beginning Monday 9th May; we really appreciate your efforts to help ensure the children are ready.

Ways in which you can help your child:

- * Check homework books and support your child in completing their homework.
- * Regularly reading with your child and discussing what they have read including understanding new vocabulary from the text surrounding it.
- * Test your child on their spellings concentrating on the patterns in the Year 3/4 and 5/6 words
- * Looking through SPAG terms using:
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/244216/English_Glossary.pdf
- * Practise telling the time <https://gb.education.com/games/time/>
- * Give opportunities to use money, including calculating change.
- * Practise times tables facts and related division facts (up to 12 x 12)
<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

PE

We will continue to have PE on a Monday and children must come to school in their PE kit.

Energy Bars

During our DT lessons this half term we will be making energy bars. As a nut free school we will ensure that no nuts are used, however please ensure that your child's allergy information is up to date so that any other allergies can be correctly accounted for. Please send any new dietary information to the office.

IMPORTANT DIARY DATES

Thursday 3rd March - World Book Day
Friday 4th March - Mid-year reports to parents
Wednesday 9th to 16th March - Book fair in main hall
Friday 18th March - Red Nose Day
Tuesday 22nd March - Parents evening (5 - 7.30pm)
Thursday 31st March - Parents evening (4 - 6:30pm)
Friday 1st April - End of term