

## Survival of the Fittest



**Year 5**  
**Spring 2**

### Dates to remember:

Assessment week (26<sup>th</sup> Feb)

Book week (4<sup>th</sup> March)

Parents evening (20<sup>th</sup> and 21<sup>st</sup> March)

### Homework:

We will be setting homework in the areas of LBH (Learn by Heart), Spellings, and Reading. We kindly request that you ensure your child engages in reading for a minimum of three times a week, for at least 20 minutes each time.

### PE days:

Please remind children to come to school in their PE kit on their days.

5S – Monday and Friday

5P – Wednesday and Friday

### Welcome Year 5

We are excited to begin this term and explore lots of exciting new topics with the children. Our team have been working diligently to plan engaging and educational activities that will both challenge and inspire your child. We believe that this short term will be filled with fun-filled learning experiences, allowing your child to grow and thrive academically and personally.

We understand that transition back into the school routine can be challenging at times. Therefore, we encourage you to maintain open communication with us and share any concerns or questions you may have.

Should you have any questions or concerns throughout the year, please do not hesitate to reach out to us via the school office:

[Office@sandalprimaryschool.co.uk](mailto:Office@sandalprimaryschool.co.uk)

We will aim to respond within two working days.

The year 5 team:

Mrs Ali, Miss Silvester, Miss Ahmed, Mrs Dobson, Mrs Hibbert, Mrs Sant, Mr Naughton & Mrs Barnes

### Personal Development

Our whole school theme this term is 'Relationships'. Our Root of Learning is 'Thinking for Ourselves', and the British Value is 'Individual Liberty'.

### PSHE

This term, we will be exploring the topic of "Relationships" with your child. During these lessons, we aim to have meaningful conversations with the children about building self-esteem and appreciating their unique qualities. To facilitate this learning process, we will be having interactive discussions, personal reflections and doing group work. We will be incorporating social stories into our lessons to help the children recognise when an online community feels unsafe or uncomfortable and what impact it can have on a relationship. By exploring both the positive and negative consequences of belonging to an online community, we hope to prepare them to navigate these spaces thoughtfully and responsibly.

### PE



In P.E, children will be covering two topics: Counter balance and Counter tension. These topics are designed to develop their coordination, strength, and teamwork skills.

During these lessons, the children will learn how to work in pairs and groups to perform exercises that involve counter balancing and counter tension techniques. Additionally, the second lesson will focus on Hockey. This team sport will teach the children about teamwork, hand-eye coordination, and strategic thinking.

## Our World

### **Geography**



The exciting topic we will be exploring in Geography this term: "Why do oceans matter?"

Our aim is to engage our children in understanding the importance of the world's oceans and their impact on our lives. Firstly, children will investigate the ways in which humans influence coral reefs and oceans. Through interactive discussions, research, and hands-on activities, they will gain insights into the various environmental factors that affect these delicate ecosystems. Children will participate in finding ways to keep our oceans healthy. They will be encouraged to think critically and propose solutions to reduce pollution and protect marine life.

### **R.E**

Children will debate the question: Should we forgive others? We will be discussing the importance of forgiveness in various contexts, such as personal relationships and global conflicts.

## STEM

### **Science**

We will be continuing with the topic 'Properties and Changes of Materials'. However, we will be delving further into the subtopic of "Mixtures and Separations." Children will explore how mixtures are formed and how they can be separated into their individual components. Children will develop their scientific skills and expand their knowledge in this area.

### **Maths**

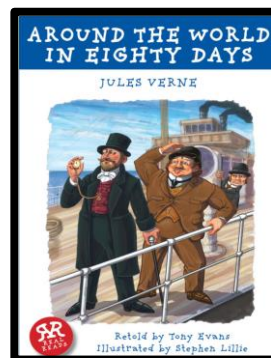
Children will be focusing on adding and subtracting fractions with the same denominator, as well as denominators that are multiples of the same number. They will also learn how to multiply proper fractions and mixed numbers by whole numbers. To support their learning, we will be utilising a range of practical resources and diagrams. These visual aids will help children visualise the concepts and develop a deeper understanding of how fractions work.

### **Computing**

Our focus in computing will be on two main areas: Databases and Game Creator. These topics are designed to provide children with valuable knowledge and skills, enabling them to explore the world of technology and interact with it in a meaningful and creative way. In the Databases unit, children will learn about the importance of organising and storing data effectively. They will explore how databases are used in various aspects of our daily lives. They will gain an understanding of how to input, organise, and retrieve data using different software tools. The Game Creator unit will allow children to become a creator rather than just a consumer of digital games.

## Language and Communication

### **Speaking, Reading & Writing**



"Around the World in 80 Days" is a classic adventure novel that takes readers on a thrilling journey around the globe. The story follows the protagonist, Phileas Fogg, as he attempts to circumnavigate the world in just 80 days. In our English lessons, we will be exploring different aspects of the novel, including its plot, themes, and character development.

We will also be discussing the historical and geographical contexts in which the story is set. This will provide an opportunity for your child to develop their reading comprehension, critical thinking skills, and cultural awareness.

### **Spelling**

We will continue to learn new spelling patterns, revisit words from Year 3 and 4 while also looking at new words from the Year 5 spelling list. We encourage your child to practise their spellings at home so they are ready for their weekly test, but also to consolidate and embed strategies ready to use in their writing every day. (See below for spellings patterns that will be covered each week)

### **Spanish**

Children will be exploring the fascinating world of animals through the lens of adjectives. This will have an opportunity to expand their vocabulary and further develop their understanding of adjectives, all while having fun and engaging in interactive activities.

## The Arts

### **DT**

This term, we will be focusing on cooking and nutrition. In this unit, our aim is to develop the children's understanding of healthy eating and cooking skills. We want to encourage them to make informed choices about the food they consume and teach them how to prepare nutritious meals. Through practical activities, they will have the opportunity to engage in cooking tasks, learn about different ingredients and understand the benefits of a balanced diet.

### **Music**

Musical theatre is an exciting genre that combines elements of music, drama, and dance. By exploring this topic, we aim to enhance children's understanding and appreciation of music as well as developing their performing skills. Throughout the term, we will be delving into different aspects of musical theatre, including famous shows, iconic songs and notable composers.

## Spellings for Spring 2

<u>Weeks 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>
<b>Spelling pattern:</b> <u>Words with 'ie' after 'c'</u>  Y3/4: Perhaps address Y5/6: controversy convenience  ancient glacier scientists species	<b>Spelling pattern:</b> <u>Words where 'ei' can make an /ee/ sound</u>  Y3/4: guard material Y5/6: correspond criticise  deceive protein either receive	<b>Spelling pattern:</b> <u>Words where 'ough' makes an /or/ sound</u>  Y3/4: recent guide Y5/6: desperate determined  bought brought ought thoughtful	<b>Spelling pattern:</b> <u>Words containing 'ough'</u>  Y3/4: forward fruit Y5/6: disastrous embarrass  although tough plough enough	<b>Spelling pattern:</b> <u>Words that are adverbs of possibility and frequency</u>  Y3/4: famous Y5/6: environment equipment  definitely frequently occasionally often

## Strategies for Maths

### Adding and Subtracting

#### When Two Fractions Have the Same Denominator

If the two fractions in the calculation have the same denominator, the denominator will stay the same.

Then all you need to do is simply add or subtract the numerators to find the sum of the fractions.

$$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$$

$$\frac{4}{8} - \frac{2}{8} = \frac{2}{8}$$

#### When Two Fractions Have Different Denominators

First find the smallest common denominator (smallest whole number that has both denominators as factors). Rewrite the fractions with that denominator then add or subtract. When working with mixed numbers, add or subtract the whole numbers too.

$$\frac{1}{3} + \frac{3}{6} =$$

$$\frac{1}{2} - \frac{1}{5} =$$

$$\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$$

$$\frac{5}{10} - \frac{2}{10} = \frac{3}{10}$$