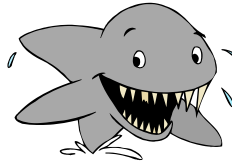




Rye Community Primary School

"A Gateway to learning"



Dear Parents/Carers,

We are very excited about the learning which will take place this term. The children have been amazing over the past two terms and we know they will continue to show that enthusiasm and drive in Term 3.

Term 3 Learning in Year 5 and 6

Our planning this term will focus on the topic of: The Frozen Kingdom. In particular, we shall focus on Shackleton's Expedition, using the wonderful book "Shackleton's Journey" by William Grill. During this term, we would also like to use videos from David Attenborough to explore Antarctica and the animals that exist there. We will endeavor to update our Class Dojo pages with some of our work to show off our exceptional learning this term.

Reading

In regard to Reading lessons, the children will be reading a range of genres and focusing on their comprehension skills, through both the daily use of 'Reading Eggs' and our 'Book Talk' lessons. Our Shackleton's Journey book will be a starting point for our reading journey, however, we will also use a variety of texts to ensure other types of texts are experienced too. Please keep up with your home reading, it really does make a difference!

English

The children produced amazing writing last term using our core text, and we are excited for them to continue to showcase their incredible ideas based on Shackleton's expedition.

Our English learning will first be based on setting descriptions, using different aspects of Shackleton's adventures as inspiration. We will look at a range of settings, from North Pole expeditions to abandoned houses, and collect adventurous vocabulary. Following this, we will be conducting our own research on Emperor Penguins before writing non-chronological reports. In addition, we will be undertaking 'Journalistic Writing' as our final unit, looking at life in the Polar Regions. We are confident that the children will enjoy these genres and research Antarctica wherever they can to develop their understanding and engage them in their writing.

Mathematics

In Mathematics, our children have already worked incredibly hard over the past two terms to solve problems using the four operations (+, -, x and ÷); we have started work on our fractions topic.

For the upcoming term, we shall be continuing with our fractions topic, teaching the children how to solve problems with fractions, with a focus on addition and subtraction (to revise their understanding) and then multiplication and division. As there are many ways to add, subtract, multiply and divide fractions, we ask that you please ask your children (or us) to show you how they have been taught to do it at school when helping them with their homework, as this will help prevent confusion and will encourage them to believe the math's they are practicing has purpose.

How you can help your child

- Look for opportunities to talk about maths in the everyday environment.
- Support your child and give them time to use mental calculations skills in real life contexts.
- Please ask your child about what they have been learning and encourage them to explain the methods they use in calculations.
- Help your child to learn the times tables that they are working on to prepare for our weekly 'Number Munchers' challenge.



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Homework

Homework will be given out on a Friday and is expected to be handed in on the following Wednesday.

We will also be setting short maths tasks to consolidate learning on Monday and Wednesday. These short 5-minute activities will be due in two days after they are set.

It is important that homework is completed as this will help support the learning they have been doing in school. In order to keep homework tidy, it needs to be completed in their homework book. The children will also be given a list of spellings to learn each week which they will be tested on each Friday. Please support your child as they learn these.

How you can help your child:

Termly Homework Project

The children's homework project this term is also based on The Frozen Kingdom, where we would like the children to choose from the list of 'Home Learning Ideas' and engage with one or more of those activities. The children can use whatever materials they wish and be as imaginative as possible.

If you have any queries please do not hesitate to contact us.

Thank you for your continuing support.

Mrs Banks, Miss Brunton, Mr Neville & Mr Thomas

What will you choose to do?

- Imagine that Earth has entered another Ice Age. Write a diary-style piece describing the changes and how the human race has adapted to cope.
- Find out what natural resources and raw materials are reaped from the Arctic. What impact does this have on the environment?
- Use a range of snowy images to create a polar collage. Remember to use lots of interesting textures, shapes, colours and patterns.
- Make 'iced jewels'. Mix powder paints and dyes into water, in an array of colours. Pour into an ice cube tray before freezing overnight. Pop the cubes out and explore your iced jewels. What happens if you sprinkle salt on the cubes?
- Create your own Arctic and Antarctic word search puzzles using all the new words you have learned during the project. Challenge a grown-up to solve it!
- Make a model of your favourite Arctic animal using clay, dough or recycled materials. Take it into school and explain how you made it.
- Create a poster or brochure for a new travel company which arranges visits to the Arctic or Antarctic. Use powerful images and text to tempt customers who want an extra-special trip!
- Design a pair of snow boots for an Arctic explorer. What materials would you use? What features could they have? Let your imagination run wild!
- Imagine a common domestic animal became an inhabitant of the Arctic or Antarctic. How would it have to adapt to survive there? Longer, thicker hair? What else? Rename your common animal with a more exciting 'polar' name!





Frozen Kingdom



Welcome to the planet's coldest lands, which are incredibly beautiful, yet often deadly.

This half term, we'll start by making and observing icebergs. We'll then find out more about them using non-fiction books. We'll learn technical vocabulary so we can write reports in the role of engineers. Using globes and maps, we'll identify the polar regions, comparing the Arctic and Antarctic. We'll also think about how we can protect the polar environment. Then, we'll investigate the tragic story of the RMS *Titanic*, and find out about the people on board. We'll download images of polar features and save our information in digital folders. When we're more familiar with the polar regions, we'll write exciting stories, poems and diary entries from the perspective of brave explorers. Researching our favourite polar animals will be fun, and we'll create animal artwork inspired by the Inuit people. We'll experiment with digital photography and create amazing effects using paints and dyes.

At the end of the ILP, we'll present what we have learned and construct a large-scale model of an igloo!

ILP focus	Geography
English	Chronological reports, stories, diaries, poetry, letters
Geography	Features of the polar regions
Art & design	Photography, painting, block printing
Computing	Collecting, evaluating and presenting information
D&T	Building an igloo
History	Emigration and exploration in the early 1900s
Mathematics	Measurement (temperature), negative numbers
Music	Soundscapes
PE	Outdoor adventure, orienteering
PSHE	Care of the environment
Science	Living things and their habitats

Help your child prepare for their project

This half term, we're going to learn about the coldest places on Earth. Why not watch a documentary such as the BBC *Frozen Planet* series together? You could also freeze pieces of fruit with fruit juice in lolly moulds, to create frozen treats with a hidden surprise. Alternatively, work together to create a snowy collage.