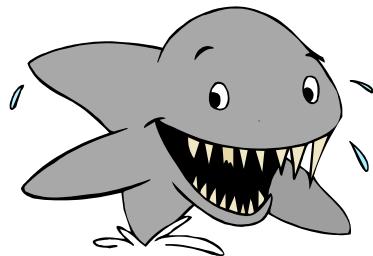




Rye Community Primary School

"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 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 text "Ice Trap!" by Hooper Meredith. During this term, we would also like to use videos from David Attenborough to explore Antarctica and the animals that exist there, as well as create an island out of newspaper and Modrock that the children can then use as a stimulus for their writing. We will endeavor to update this page with some of our work to show off exceptional learning this term.

Reading

In regard to Reading lessons, the children will be reading a range of genres from narrative to newspapers to help immerse them in the genres we are writing. Through these genres, the children will answer a range of comprehension, inference and reasoning questions which will help prepare them to answer increasingly difficult questions.

This term the recently established Buster's Book Challenge is continuing, with the rewards ranging from certificates and badges to tickets to Drusillas zoo for the children to visit free or at a discounted rate. We hope that this term one of our classes will once again win the amazing prize of the Buster's Book Trophy and win the tickets to Drusillas – let's do this!

English

Your children may have already spoken to you about a new way of learning writing techniques that had brilliant results last term. We are excited for the children to continue to produce amazing writing this term, based on Shackleton's expedition.

Our literacy learning will first be based on writing a third person "stranded" story (to tie in with our text of Shackleton's adventure) which will also include within the story a diary of events and a letter back home from a member of the expedition. In addition, we will also be writing non-chronological reports based on animals in Antarctica and finally a newspaper report which will then report on the expedition from a variety of perspectives. 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.



How you can help your child

- Make sure your child reads daily and discuss the stories in terms of reasons for characters' actions, and reasons for the author's choices of vocabulary. Don't forget to record reading sessions in their booklets. Please remember to remind your child to record the number of minutes they read on Wednesday night.
- Discuss meanings of any new vocabulary your child comes across.
- Support with any English / Grammar homework.
- Test children on their weekly spellings.

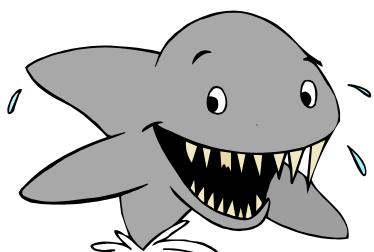
Mathematics

In Mathematics, our children have already worked incredibly hard over the past two terms to solve problems using the four operations (+, -, x and ÷); categorise and identify properties of 2D shapes; identify angles within shapes and solve problems with missing angles; as well as find the area and perimeter of regular and composite shapes and finally solve problems with increasingly difficult fractions that involved finding common denominators, addition and subtraction.

For the upcoming term, we shall be 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 maths 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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PE

PE this term will be taught on a **Wednesday afternoon** by Premier Sports with gymnastics being a focus for learning. Please ensure that your child has their PE kit in school on this day.

Homework

Homework will be given out on a Friday and is expected to be in on the following Friday. 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 the children will be supplied with a specific homework book. The children will also be given 10 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.

Helpful Tip!

If you have access to computers and the internet, there is an excellent free resource called: Kodu, which is a coding program where users can create a world of their own (a little like Minecraft). We have attached a link below which enables you to download the resource; please use this with your child to help them create their own island as this will help shape their understanding when we create our own islands out of modrock.

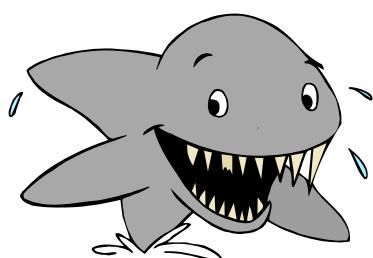
<https://www.kodugamelab.com> - When on this page, click the Green box on the top left that reads 'Get Kodu'. This will take you to another page, where you can safely download Kodu onto your Microsoft computer.

Please ensure you have some sort of security software on your device, such as Norton, so that in the unlikely event of issues to your computer your personal information is safe.

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

Thank you for your continuing support.

Mr Gurr and Mr Croft





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.