

English

Reading:

In our reading lessons we will look at the different structures across different texts and increase our reading fluency by reading a range of texts. We will increase our skills of vocabulary, inference, prediction, and retrieval.

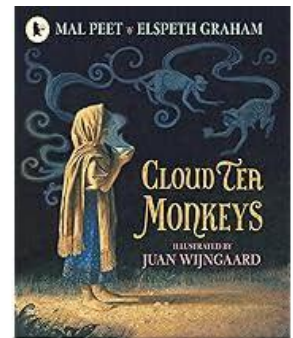
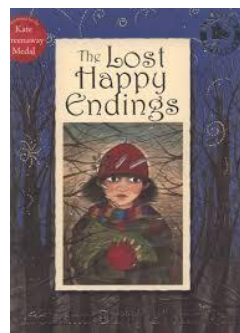
For Spring 1, we will be starting a non-fiction text on the life and achievements of Katherine Johnson, an important figure in both female and black history. We will then begin to read a book called *Running Wild* by Michael Morpurgo, ready for English work in the summer.

For Spring 2, we will be looking at a range of stories from other cultures which include Japanese, Chinese and Anansi cultures.

Our class book is *Running Wild* for Spring 1 and *The Lion, The Witch and the Wardrobe* for Spring 2

Writing:

In our writing, we will use the texts below to support our learning over a range of genres. The book *Cloud Tea Monkeys* will be used to inspire our writing in Spring 1. We will be using the book and its major plot point surrounding tea, as inspiration to write a non-chronological/informative text about where tea comes from, and how it is made. We will then finish Spring 1 with an information text on how to make bread, which will be linked to our work in DT.



In Spring 2, we will be using the book *The Island*, to inspire a writing piece centred around the powerful characters and dialogue in the book. We will then finish the term by creating a suspenseful piece of writing inspired by the book *The Lost Happy Endings*.

Spelling:

With our spellings we will continue to learn year 4 and year 5 spelling words and patterns from the National Curriculum. We practice our words daily using a range of different strategies and identify the patterns within the words. Spellings will be available for the children to practice on Spelling shed weekly. We will use multiple choice questions to check the spelling understanding.

Mathematics:

With our mathematics, we will continue to cover work on multiplication and division for both year 4's and year 5's. We will then move onto fractions, exploring this through a wide range of activities and lessons that cover both written and visual methods. We will then end the term by exploring decimal numbers.

Science:

This term we are learning about electricity and properties and changes of materials

With our unit of electricity, the children will learn about common electrical appliances and how to construct simple series circuits. They will become familiar with the key words linked to the topic and how to apply them appropriately. Children will learn about cells, wires, bulbs and buzzers and about the different types of switches. They will be able to troubleshoot and identify whether or not a bulb will light in a simple series circuit and be able to identify a complete circuit. The children will also learn about conductors and insulators and know that metals are very good electrical conductors.



With our unit on properties and changes of materials, The children will sort and classify objects according to their properties. They will explore the properties of materials to find the most suitable material for different purposes. The children will work scientifically and collaboratively to investigate the best thermal insulator to make a lunch box, making predictions and forming conclusions. Furthermore, they will have chance to find the best electrical conductor, in the context of making floodlights brighter. They will have the opportunity to work in a hands-on way to explore dissolving, identifying the different variables in their own investigations. They will find out about different ways to separate mixtures of materials, using filtering, sieving and evaporating. Finally, they will learn about irreversible changes, and participate in two exciting investigations to create new materials, including casein plastic and carbon dioxide.

Religious Education:

In RE this term, children will explore Christian and non-religious worldviews to understand what it means to live well. They'll look at biblical texts that guide Christians in living a good life and discover how interpretations can differ. They'll also learn how Humanists base their ideas of right and wrong on reason and compassion, encouraging thoughtful discussions about values and choices.

Art:



For the Spring term, the children will be participating in a unit called Mixed Media land and cityscapes. In this unit, the children are introduced to the idea that artists don't just work in studios – instead they get out into the world and draw and paint from life, inspired by the land and cityscapes where they live. The children will also see how artists use their creative freedom to explore ways of working which involve different materials and media.

Computing:

In computing spring 1, the children will be learning about programming and repetition in shapes. Pupils will create programs by planning, modifying, and testing commands to create shapes and patterns. They will use Logo, a text-based programming language.

In computing spring 2, the children will be exploring data and information with data logging. In this unit, pupils will consider how and why data is collected over time. Pupils will consider the senses that humans use to experience the environment and how computers can use special input devices called sensors to monitor the environment. Pupils will collect data as well as access data captured over long periods of time. They will look at data points, data sets, and logging

intervals. Pupils will spend time using a computer to review and analyse data. Towards the end of the unit, pupils will pose questions and then use data loggers to automatically collect the data needed to answer those questions.

Design and Technology:

We are learning about the six essentials of bread making and then designing our own bread roll based on these six essentials. We researched bread and looked at the different food groups as part of nutrition. In the spring term and as part of our English writing, the children will be designing their own bread rolls and writing an instructional text about it.

History:

Our history topic this term will be focusing on the local history of Lincoln. The children will learn all about the key features of Lincoln and how it became such a popular city. We will look at the timeline and learn about the cathedral, castle and all about the history of the tank, which was designed and built in Lincoln. We will look closely at the geography of Lincoln alongside the historical features.



Enrichment specific to Elm class:

At the end of the spring term, the children will take part in an environmental study of the Brayford Pool. The children will spend the day looking at the physical and environmental changes of the Brayford and the impact this has had on the city over the years. This trip will take place during normal school hours, and more details will come out later in the term.



Languages:

In French spring 1, the children will be learning about the weather and the seasons, and will be learning key vocabulary and phrases linked to this

In spring 2, the children will learn the days of the week and months of the year in French. We will use this to start to write the date every day in French and the children will learn to say when their birthday is.

Music:

With music, the children will explore southern and western music in Africa during spring 1. In spring 2, the children will be composing a piece of music inspired by the festival of colour.

Physical Education:

In spring 1, the children will be alternating between team sports outside with football, and gymnastics as our indoor sport. In spring 2, the children will have tennis as their outdoor sport, and dance as our indoor sport. Our class PE days will be on a Friday unless specified otherwise, and the children can come to school in their PE kits on this day.



Homework tasks:

Homework in Year 4/5 is always linked to learning they have completed in the previous weeks within the classroom environment. This will include an English and maths task as well as a previous maths learning activity. Homework will be set on Wednesday and due back in on the following Monday. The children will have weekly spellings to learn on Spelling Shed. Alongside this I would like the children to read to an adult 3 x a week. The children can independently read if confident. I would like all reading at home recorded in their reading diaries. For year 4, the children will be completing multiplication tables check in the summer term. I would also strongly encourage, even for the year 5's, to practice times tables daily and using the following website *Thompson's MTC*, would be greatly appreciated and support the children throughout the year.