

Elm Class Autumn term 2016

Welcome back to a new term! We hope you had a relaxing summer break. We are looking forward to an exciting term ahead! Attached is an outline of the learning opportunities planned for your child this term.

Mathematics

Children will revisit mental addition and subtraction and number and place value. The children will continue to learn the written method.

The children will then move on to multiplication and division and the understanding the inverse operation. The children will continue to learn and practise the written method. Children will reinforce their knowledge of time and durations and will solve problems involving converting units of time.

The children will have a weekly session on word problem solving and one on practising arithmetic.

In geometry, the children will identify 3D shapes and will measure angles in degrees. In measures, the children will convert between different units of metric measures and start to understand the equivalence between metric and common imperial units such as inches, pounds and pints.



English

In Literacy, we will be studying the works of Roald Dahl with a particular focus on Danny Champion of the World. We will use parts of the story to write instructions and we will then move on to writing diary entries. During the second half of the term, as part of the topic about Ancient Greece, we will be studying myths and legends from the mythology. The children will also learn to develop their writing planning skills and learn to write their stories adding detail, then checking and editing their work. The children will be encouraged to use a variety of sentences and vocabulary to enrich their writing.



Science

In Science we will start the term investigating forces, and finding out about wind resistance, friction and gravity. We will be testing parachutes to discover how surface area effects wind resistance and measure forces with Newton meters to discover more about friction of different materials. The class will discover more about how forces can be balanced or unbalanced and how this can result in movement.

The second half term will be looking at the Sun, Earth and Moon and finding out about how the movement of these effect our time and seasons. Children will build on last year's work on space and investigate how the Earth's movements around the sun cast shadows on a sun dial and investigate and measure craters of lunar moon impacts in our 'classroom laboratory'.

Throughout the term the children will be planning scientific enquirers to answer questions, taking measurements, recording data and results whilst writing conclusions as well as making predictions.



Computing

This term our computing work is all about creating a virtual space. Children will work with CAD (Computer Aided Design) software to create a 3D virtual space to display their school work.

We will find out about how CAD software is used by engineers and designers and explore websites that have used virtual spaces. We will find out about how search engines rank results and think about how we can evaluate and choose digital content that is useful to us.

During the term we will be exploring e-safety and how to use technology safely, respectfully and responsibly.

R.E.

This term children will be finding out about harvest customs and rituals in Ghana and Nigeria in Western Africa and reflecting on their importance. We will look at how their ancestors suffered famine and how sharing and being grateful for our food is at the centre of both ours and their traditions. We will reflect on how we celebrate harvest and use some ingredients from Western Africa in our cooking. After half term we will move on to finding out more about Islam, what it means to be Muslim.



French

In French this term, the children will learn how to greet people, say their name, their age and how they feel. The children will do this through games and songs and will record key words in writing. In the second half of the term, the children will learn classroom instructions in French and as part of their cultural knowledge will learn about how Christmas is celebrated in France.



P.E.

As part of their PE session the children will go to Forest School every Wednesday and will learn different outdoor skills such as how to be safe in the forest, identifying different types of plants and trees and they will enjoy a variety of outdoor crafts such as den making, leaf rubbing or tool making.

They will be practising skills for invasion games, and finding out about passing and positioning.



Topics : Roald Dahl and Ancient Greece

In this unit of work the children will find out more the life of Roald Dahl. They will read a variety of texts and celebrate Roald Dahl's 100th Birthday with a whole day based on Roald Dahl.



During the second half of the term, the children will learn about Ancient Greece and will focus on the different buildings built by the Ancient Greeks and how this style was replicated in Great Britain. The children will also learn about how the Ancient Greeks traded and what their home life was like. The children will be continuing to develop their chronological understanding and placing events on a timeline. The children will explore change, cause, similarity and difference, and significance of the period in history. They will explore how knowledge of the past is constructed from a range of sources

As a school we really value the help and support our parents offer and we are keen to continue to develop these home-school links.

Please encourage your child to read at home as often as possible, as a guide it is suggested that they read for around fifteen minutes each evening. Your child will also receive spellings and times tables to practise at home, it is vital your child practises these as they will support their learning and progress at school. Within year 5 the children will also be given a piece of maths and a reading comprehension to complete every week.