

Enjoying and Achieving

Welcome to Year 4.

Our first learning experience is Bake Off! This first half term will be a science-based experience, focused on states of matter (solids, liquids and gases), and how they might change when mixed with other substances and temperature. We also experiment with temperature variables, evaporation and the processes of melting and freezing. The children will then be able to identify factors affecting these processes using appropriate scientific language.

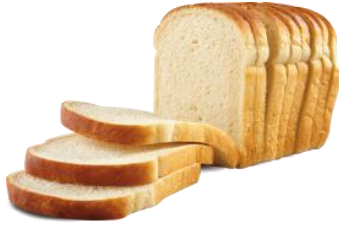
To promote our teamwork value, the children in DT will work in small groups to consider different ingredients as they begin to design their own style of specialty loaves, which they will make during the final weeks. The children will explore different flavours and combinations by investigating the current bread market, and take inspiration from baker, Nadiya Hussain. As the children will have made bread rolls on their hook day, they can use their newfound knowledge to help create their own special loaf, which will be judged in our very own Bake Off!

During maths lessons, the children will focus on building up their knowledge of place value as they extend into 4-digit numbers, learning about roman numerals and the rules of rounding. We will also begin our focus on multiplication and division facts. They will then move onto solving addition and subtraction calculations using formal written methods and applying their understanding to real life context worded problems to deepen and embed their learning.

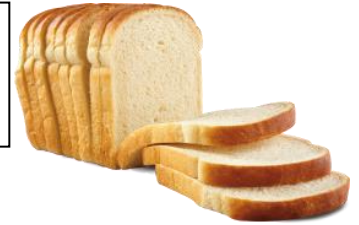


English will involve the children studying the novella text *Cloud Tea Monkeys* by Mal Peet and Elspeth Graham. The children will be immersed into the world of tea, where it comes from and how it is tasted. We will be using a slow reveal approach, where the children will have opportunities to make predictions and consider the language used. Grammar will be woven throughout including the use of imperative verbs, prepositions, expanded noun phrases and fronted adverbials. As the term progresses, the children will begin to write a series of diaries that emphasise a character's changing moods and feelings.





Bake Off!



Year 4

Challenge

The children will work scientifically to learn how to carry out and write up a range of scientific investigations. They will consider the use of fair testing and begin to use a wide range of equipment.

Creativity

Researching, designing and making a healthy loaf will be a key focus. Working as a team, the children will need to make sure they choose healthy ingredients and consider their target audience.

Rationale: The changing state of matter is central to this learning experience. As the term progresses, the children will investigate scientifically why solids, liquids and gases make up the physical properties of our environment and in which forms. Being taught about the process of bread and yeast from our hook and science experiments, the children will consider different melting and boiling points and will learn about reversible and irreversible changes.

Start Date: Monday 7th September

End Date: Friday 23rd October

Hook Day: Tuesday 15th September

The children will be immersed into the world of bread and the artistry that it entails! Visiting a local baker will enable the children to learn more about the craft, the science behind it, and will allow us all to be bakers and tasters for the day.

Outcome:

Sun - Monday 5th October at 2.45pm

Moon - Thursday 8th October at 2.45pm

In small groups, the children will make special loaves before being judged by a group of brave parents.

Please come forward if you would like to help!

Camp to Hooke Court:

The children will be attending Hooke Court, in Dorset, for a three-day camp. The aim of the residential is to build on the school values. Please look out for more information. Wednesday 21st - Friday 23rd October.

Take home task:

Children will be given a basic recipe for salt dough and are asked to create a salt dough delicacy that you would find in a bakery e.g. a croissant or a loaf of bread.

Due date: Monday 5th October

How you can support your child at home:

- Talk about food - where it comes from and why it is important to eat healthily
- Ensure that your child reads at least 5 times a week and has the opportunity to discuss their reading with you. Please could you ensure this is recorded in their reading record.
- Learn times tables facts up to x12 so the children can recall them without hesitation! Times Table Rockstars is great for this!
- Talk about what they have learnt in school.

Spellings:

The children will learn the Year 4 spelling patterns, and they will be given a wide variety of techniques to embed their spellings. Attention will also be given to spelling patterns learnt in Key Stage 1, and prefixes and suffixes taught in Year 3.