

## Science

The whole term will be focussed on materials. There will be a strong emphasis on experiments as we devise, carry out and evaluate investigations including how to separate different materials, what makes a good thermal insulator, how to recover a material from a solution, which changes are reversible and how some changes result in the formation of new materials.

## Maths

Our maths learning this term will include place value to one million, fractions including decimal equivalents, adding and subtracting increasingly large numbers, converting measurements, multiplication and division including formal written methods, problem solving and reasoning activities. We will continue with our regular fluency sessions and weekly times tables activities.

## P.E.

In P.E we are going to enhance our football, tag rugby and netball skills. There will also be time for some dancing.

## Computing

We will begin by undertaking an exciting crash course in coding using Purple Mash, 2Code! We will master coding skills by exploring design and putting computational thinking into practice. These coding skills will be used to create our own programs that control or simulate a physical system, i.e. changing the speed and angle of moving objects. We will also continue to learn about online safety and how to use the SMART rules as a source of guidance when online.

## French

We will be learning vocabulary linked to eating out and hobbies.



## YEAR 5 Larch Class Autumn Term *Local Studies*

P.E. will be on Mondays and Wednesdays. Indoor and outdoor P.E. kits will be needed in school throughout the week.

Home Learning will include completing a weekly activity of your child's choice from the 'Take Your Pick' 20 point challenge. Spellings and times tables practice will also be completed weekly. Please encourage your child to read daily and sign their reading record.

If you have any questions please do not hesitate to get in touch.

## English

We will begin the term by writing postcards about our summer holidays and get to know each other better by writing poems about ourselves. Then, through the use of two exciting and engaging fiction texts (*The Wolves in the Walls* and *Cosmic*), we will be addressing key Year 5 skills linked to grammar and sentence construction, ensuring that essential prior learning is embedded. Later in the term, we will explore an intriguing non-fiction text, *The Monsterology Handbook*, and use this to inspire our own non-chronological reports about mythical creatures. There will also be a weekly spelling focus.

## History and Geography

Our geography work will begin with researching what a river system is and the main rivers of the world. We will then walk to Batford Springs to study the River Lea at first hand. After half term, our learning in history will continue the local theme when we focus on the story of Highfield Oval in Harpenden. We will research the living conditions at the time of the Industrial Revolution and find out why children were brought out from London to begin a new life in Harpenden.

## Personal Development

During P.D we will cover our rights and responsibilities to learning and focus on 'Our Happy School'

## R.E.

We will consider what we already know about the Christian and Jewish faiths and develop our understanding of the rules by which people who follow these faiths live. As the calendar year draws to a close we will reflect upon the importance of light in religious festivals, especially at Christmas.

## Art

We will begin by focussing on the natural world: drawing, painting and collage of Autumn leaves etc and then we will respond to the work of Chris Ofili for Black History Month.