

Year 4 - Curriculum

Letter

Autumn 2

The following are some of the things we will be learning about this half term....



English...

This half term we will be reading the spine-tingling horror novel, 'Cirque De Freak', by Darren Shan. During the course of this topic, the children will have the opportunity to develop their understanding of empathy and discuss those difficult decisions that all youngsters encounter. The children will experience writing a number of different text types: character descriptions, chapter writing focusing on building and sustaining suspense and planning, writing and redrafting five-point stories set in imaginary worlds. They will also develop their editing skills by identifying spelling and grammatical errors and making such improvements to ensure that the work reads more clearly.



Maths...

Following the Inspire Maths scheme of work, children will be using the Concrete, Pictorial, Abstract approach to support their learning. We begin with concrete physical objects, such as blocks or counters, then progress on to pictorial representations (pictures). Finally, we will move on to the abstract stage which is number based. We will be learning to find factors of all numbers up to 100. Next, we will be looking at written multiplication and division and word problems. We will also be reviewing our multiplication and division facts for all of the time tables up to 12. This will require regular practice at home and at school. We will use games, tests and computer based resources to support our children.



IPC Units... Shake it!: Changing and separating materials and On tap: Water

Throughout these topics, the children will have the opportunity to consolidate *and* expand their learning about the water cycle and to study rivers in different countries from around the world. They will learn about the three states of matter: solid, liquid and gas and how they relate to molecular structure. They will also explore what happens as matter changes state and investigate melting, boiling and freezing.

The children will experiment with a variety of materials to see which ones dissolve in water and become familiar with terms such as-soluble, insoluble, solution, solute, evaporation, condensation and residue.

The children will work scientifically by closely observing changes in state and making predictions about reversible and irreversible changes. They will utilise key mathematical skills to represent data collected and interpret such data to draw conclusions.

Ideas for Activities & Visits Outside School

London Science Museum- <https://www.sciencemuseum.org.uk/>

Walthamstow Wetlands- <https://walthamstowwetlands.com/>

London Wetland centre- <https://www.wwt.org.uk/wetland-centres/london/>

The River Thames- <https://www.visitthames.co.uk/about-the-river>