



Y5 Autumn Curriculum Newsletter

Maths

Children will develop their knowledge of place value and numbers up to one million. They will learn how to represent numbers in different ways and further develop their understanding of Roman Numerals. They will work on the four operations of addition, subtraction, multiplication and division. Children will use this knowledge to solve multi-step worded problems and develop their reasoning skills.

English

Over this term we will be completing work based on the book, Street Child, which links to our history topic of the Industrial Revolution. Also, Storm Breaker in the second half of the term. Children will further their understanding of complex sentences including fronted adverbials and relative clauses. Children will have the opportunity to write diaries, their own narratives, character descriptions and settings and a non-chronological report.

Science

Our topics this term are living things and materials. Children will learn about different life cycles as well as asexual and sexual reproduction. In materials we will cover solubility, reversible and irreversible changes, separating mixtures including recovering substances from solutions. Children will plan fair tests and carry out the investigations making sure that they observe and record results accurately.

Computing

Over the term children will complete work on coding including computational thinking and using repeating code to limit the algorithm length. Children will learn about online safety and how to keep themselves safe as well as their reputation. In addition, we will use technology across the curriculum to enhance their learning experiences. This will be uploaded to their Seesaw account.

History

History this half term is the learning about the industrial revolution. Children will learn about the working conditions of the poor, including the jobs that the children did.

Geography

After half term we will cover the journey of the river tees. Children will learn about river features such as meanders, ox bow lakes, water falls. They will also learn erosion and deposition along the river.

P.E.

During P.E. sessions, children will learn and develop their skills in invasion games and hockey. They will learn to pass with control, dribble and move and shoot effectively. In autumn 2, children will begin their swimming lessons at Mill House Leisure Centre.

P.S.H.E.

Created and Loved By God is the autumn topic from Ten:Ten, which explores the individual. Rooted in the teaching that we are made in the image and likeness of God, it helps children to develop an understanding of the importance of valuing themselves as the basis for personal relationships.

Art and Design and Technology

Children will look at work by Lowry. They will learn to use a limited colour pallet which will include mixing to create different tones and shades. In Design and technology they will complete some sewing and will use a range of different stitches such as blanket and running stitch.

Music

Children will be learning to identify the pitch and rhythm of written notes and experimenting with notating their compositions using hieroglyphs and standard staff notation.