

Maths - We will be working through a large number of skills including:

- Using formal written methods of addition, subtraction, multiplication and division
- Identifying, ordering, comparing and rounding numbers up to 1million
- Securing our understanding of place value in numbers up to 1 million
- Identifying equivalent fractions
- Comparing and ordering fractions
- Identify factors and multiples of given numbers
- Converting mixed numbers to improper fractions
- Adding and subtracting fractions
- Calculating area, perimeter of squares, rectangles and shapes made from rectangles
- Identifying, measuring and drawing a variety of angles
- Identifying regular and irregular polygons
- Identifying and describing 3D shapes
- Solving a variety of maths word problems and challenges

Computing We will:

- Learn how to use computers and the internet respectfully and responsibly
- Learn how search engines organise their results
- To search the Internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information.

Science - Through our work on Forces we will:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces

Through our work on Properties and their Materials we will:

- Learn about liquids, solids and gases
- Group together everyday objects with their properties of materials
- Explain that some changes results in new materials.

Year 5 Autumn Term Victorian Life



D+T We will:

- Research gears and cams and their uses
- Understand mechanical systems
- Design through annotated diagrams
- Select equipment to perform practical tasks - sawing/joining
- Evaluate our designs

History and Geography - Through our focus on the Victorian period we will:

- Place events in chronological order.
- Learn about abstract terms such as 'democracy' and 'empire'.
- Ask historical questions
- Carry out historical enquiries
- Use a variety of historical sources
- Make comparisons between the past and the present
- Make connections between events in the past
- Locate countries on a map

We will be going on a trip to Preston Manor to experience what life was like for the servants during the Victorian era.

P.E - Through our work on hockey, sports hall athletics, young play leaders and netball we will:

- Learn to work as part of a team
- Create games that can be played by younger children
- Play competitive games
- Improve our throwing and catching skills
- Develop greater flexibility and control

English - Through our work on texts such as Street Child by Berlie Doherty, Cogheart by Peter Bunzl. We will learn and revise a variety of skills including how to:

- Write character descriptions, settings and create an atmosphere
- Use subordinating and co-ordinating conjunctions and clauses
- Use parenthesis (brackets, dashes and commas)
- Use a variety of organisational devices to guide the reader and build cohesion
- Write using fronted adverbials
- Use dialogue to convey character and move a story on
- Use commas to punctuate sentences accurately
- Use show not tell language to describe the character and their actions

Art - Through our focus on the work of William Morris we will:

- Produce and record creative ideas in our sketchbooks
- Learn about famous artists
- Design and create a piece of art which is inspired by the work of others.
- Experiment with printing using acrylics on different materials
- Analyse and evaluate art