

Mathematics White Rose Maths Long Term Overview and Small Steps of Learning

Fluent in Five
Arithmetic, Varied Fluency and Reasoning.
Multiplication and Division
Fractions
Decimals
Percentages
Area, Perimeter and Volume
Mental Maths - KIRFS
Coordinates
Translations, Reflections

RE & PSHE

How has belief in Christianity and Buddhism impacted on music and art through history?
What can we learn about the meaning of life from great thinkers?

Bullying: frustration, self worth, resilience, negative persistence, emotions/feelings.
Health: lifestyle – physical/emotional/mental, alcohol, tobacco, substance awareness, real-life scenarios.

English Key Texts – The Highwayman by Alfred Noyes and Macbeth by William Shakespeare

- SPAG coverage/weekly spelling patterns/spelling games
- VIPERS weekly reading comprehension tasks
- Identify meaning through author's choice of words.
- To use what I have read to write a letter in role to another character.
- To use reported and direct speech in my work.
- Identify features of a newspaper article and write one
- Use persuasive techniques
- Predict using details both stated and implied
- Features of a balanced argument
- Plan, write, edit and improve a balanced argument
- Inference
- Character relationships
- Poetry inspired by The Highwayman

Science

Forces

Forces in action
Gravity
Friction

Air Resistance – making Parachutes

Water Resistance
Marvellous Mechanisms

Materials

Properties of Materials
Thermal and electrical conductivity
Solubility/Separation
Reversible and irreversible changes



Context for Learning

Incredible Inventions



History Study of The Victorian Era

Era

Chronology - know where the Victorian period fits in, in our history.

Queen Victoria - describe Queen Victoria as a queen and know the significant events in her life. Describe the impact that she made.

Victorian Schools - explain what life was like in a Victorian school.

Children at work - understand the differences between life as a child during Victorian Britain and life as a child in Britain today

Important people and Inventions - know who key individuals were during this time period were and explain the impact that they had on life during the Victorian era and subsequently, on life today. Includes William Morris (printing art focus).

The industrial revolution - explain what the industrial revolution was and debate its impact. Decide whether overall, the industrial revolution was positive or negative.

Design & Technology

Victorian Cam Toys
Analyse existing products
Plan, consider materials and cutting/joining methods
Focused practical tasks
Design and make working cam toy linking to design
Evaluate

Art & Design

Victorian Buildings in the style of Percy Kelly

William Morris - printing

Music

Night Ferry by Anna Clyne
Graphic scores / staff notation
Orchestral instruments
Band performance for Spring Concert

PE

Gymnastics

Dance

Computing

E-Safety, Websites, Search Engines for online research, Literacy and Numeracy activities.

Geography

Climate – Impact of burning fossil fuels on the climate. Can the climate change on its own? How are we causing global warming? Does the sea get deeper? Does the climate change equally for everyone? Is it too late to save the planet? How can I lead the way?

Cities and countries in UK and Europe