**Maths**

* **Place Value to 1 million, negative numbers, Roman Numerals**
* **Addition and subtraction with four digits; problem solving**
* **Multiplication and division: multiples, factors, square& cube numbers and prime numbers**
* **Statistics: line graphs, tables**
* **Area and perimeter: calculating area and perimeter of rectangles and area of compound shapes**

**Science**

* **Space – solar system, moon phases, night & day**
* **Forces: 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**
* **Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect**

**RE**

* **Creation**
* **God’s Covenants**

**IT**

* **E-safety**
* **Game creating and graphic design**
* **Digital music composition**

**Associated Grammar**

* **Adverbs of possibility and frequency**
* **Subordinate clauses**
* **Varied fronted adverbials**
* **Commas, brackets and dashes for parenthesis**
* **Relative clauses**
* **Compound sentences**
* **Apostrophes for contraction**
* **Paragraphs**
* **Modal verbs**

**Y5 Essential Spelling Scheme**

**Theme and Key questions Y5
What was life like in Victorian Britain?
How are our lives different/the same?
What important laws and movements were passed during this era? Why is Port Sunlight a significant site?
What was the legacy of The Victorian Era**?

**PE**

* **Indoor: dodgeball, gymnastics**
* **Outdoors: football, tag rugby**

**Associated Writing pieces**

* **Persuasive piece(RE)**
* **Character and setting descriptions**
* **Suspense**
* **Diary entry**
* **Obituary**
* **Who is to blame for King Duncan’s death-– balanced argument.**
* **Instructional writing – how to be a good ghost**

**History/Geography Focus**

* **Why was Port Sunlight such a special place to live?**
* **How did Lever improve the lives of his workers?**
* **Queen Victoria and the changing power of monarchs.**
* **Victorian Britain – tied to A Christmas Carol re: class / childhood /poverty**

**Music**

* **Charanga: Livin’ on a Prayer**
* **Christmas Carols**

**Literature Foci (WC and GR)**

* **Streetchild by Berlie Doherty**
* **Macbeth**
* **A Christmas Carol**

**RHE and PSHE**

* **How do we look after our well-being?**
* **Life to the Full: Under Pressure and Self Talk, sharing online, chtting online**
* **Families, friendships and safe relationships**

**Art/DT Projects**

* **Art: Lowry-Industrial revolution –sketching: tone, texture, line, space. Morris: mixed media**