Driving question: **What factors affect growth?**

The Growing theme is largely humanities based with a focus on the driving question: 'What factors affect growth?' In terms of Geography, students will study various settlement types and will consider what factors make a good settlement. They will look at town development and growth. In addition, they will study population growth and factors that contribute to this with a particular focus on comparisons of HICs and LICs. Students will complete extended writing tasks in the form of recount texts after studying the key features of diary writing. Furthermore, students will consider personal issues around 'growing' such as peer pressure and relationships. In terms of Science, students will investigate the growth of micro-organisms, how and why plants grow and what factors may affect their growth and also how the brain develops as we grow.

In this theme I will learn…

* How to examine a range of data, including population pyramids, and line graphs
* How population has changed over time
* What indicators are used to measure population
* About the key characteristics of HICs and LICs
* To identify and describe the components of a Spreadsheet​
* ​How to use simple formulas in a spreadsheet ​
* ​How to create and interpret graphs and diagrams for simple data
* About different types of settlement
* The differences between densely and sparsely populated areas
* About movement between densely and sparsely populated areas. (Push and Pull factors)
* About differences between settlements in HICs and LICs
* About population pyramids
* Why people write diaries
* About the key features of diary writing
* To assess points of view in a text focusing on the narrative voice
* To identify writing techniques
* To reproduce an author’s writing voice (character voice)
* About the negative effects of peer pressure
* A variety of options for handling these peer pressure situations
* The meaning of the term relationships
* To understand the difficulties and joys of Friendships and Relationships
* To describe the positive and negative aspects of a relationships
* How to maintain positive relationships (roles and responsibilities)
* About Dickens’ attitude towards education and wealth
* About Dickens’ language
* About the impact of yeast on decomposing food
* To plan a simple investigation
* To write a suitable hypothesis
* About brain development
* How and why plants grow

In this theme the skills I will develop will be…

* How to use analyse cause and effect relationships
* How to interpret line graphs
* How to interpret population pyramids
* How to write PEEL and PETAL paragraphs
* How to use simple formulas in Microsoft Excel​
* ​How to create and interpret graphs and diagrams in Microsoft Excel
* How to create freeze frames within Drama
* How to write a diary entry
* How to resist peer pressure
* How to identify key literary themes in an extract
* How to analyse quotations from a text
* How to make a hypothesis for a scientific investigation
* How to plan and carry out a scientific investigation
* How to identify and explain key areas of the brain which reflect development and growing