

AUTUMN CURRICULUM MAP



Maths: Forming and Solving Equations:

Develop algebraic and graphical fluency, including understanding linear and simple quadratic functions

Recognise, sketch and produce graphs of linear and quadratic functions of one variable with appropriate scaling, using equations in x and y and the Cartesian plane

Testing Conjectures

Make and test conjectures about patterns and relationships; look for proofs or counterexamples
Begin to reason deductively in geometry, number and algebra
Use the concepts and vocabulary of prime numbers, factors (or divisors), multiples, common factors, common multiples, highest common factor, lowest common multiple, prime factorisation

English: Animal Farm



To explore themes and social concerns in the novel.
To write from the perspective of various characters.
To consider the authors use of language.
To make comparisons to other texts.
To analyse the language used in the novel.



PSHE: Aspirations and Online Safety

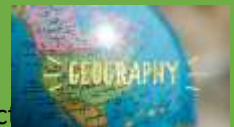
- To be able to critically assess media content and develop skills to manage influences
- To understand the importance of online safety and managing feelings of pressure
- Describe in detail how can improve our self-awareness and sensitivity and how this can help us improve relationships
- Explain why we have chosen particular boosters to suit particular case studies, and the role science plays in our confidence levels

Science: Cell Structure and Cell Division



- To know the difference between prokaryotic and eukaryotic cells
- To be able to use the magnification formula and express answers to the standard form
- Understand that cells differentiate to become specialised

Humanities: Natural Hazard



To know the effects of, and responses to, a tectonic hazard between areas of contrasting levels of wealth.

To know the physical processes taking place at different types of plate margin (constructive, destructive and conservative) that lead to earthquakes and volcanic activity.

To understand reasons why people, continue to live in areas at risk from a tectonic hazard