



Science Curriculum Maps

Intent of Science Curriculum at Littleover Community School

All students at LCS follow an 'in house' scheme of work at KS3 which has evolved to meet the ever-changing needs of the modern-day student. Our GCSE/A level course are dictated by the AQA exam board.

Our SOW are designed to allow students to foster an enthusiasm and passion for the subject whilst giving them an understanding of the world around them.

The experiences a student gains from their science education aims to deliver these core ideals:

- 1) Build and improve on their core scientific knowledge and allow students to relate this to everyday applications.
- 2) To allow a student to develop their experimental skills which includes, choosing and using apparatus safely and recording observations in a suitable format.
- 3) The chance to analyse and evaluate observations/data and make insightful conclusions.
- 4) To allow for cross curricular application, for example literacy in the comprehension of scientific literature and maths in the production of graphical interpretations and calculations.
- 5) To allow a student to develop their cognitive skills and awareness to become confident, resilient, and reflective in their pursuit of understanding.

On completion of the Key Stage 3 scheme of work a student will have had the chance to build a solid foundation that covers all the National curriculum objectives and gives them the highest chance of success at GCSE and A level.