Science

Year 9 Overview

By the end of Year 9, students will be equipped with the scientific knowledge and skills needed to transition into GCSE Science. They will explore more advanced topics and begin to apply their understanding to real-world contexts and scientific investigations. Students will refine their ability to analyse data, evaluate methods, and draw conclusions based on evidence. They will also begin to engage with GCSE-style questions and required practicals, preparing them for the rigour and expectations of Key Stage 4.

Half Term	Curriculum Plan
1	Magnetism, Interdependence, Gas Pressure
2	Inheritance and evolution, Light waves,
3	Life on Earth, Static electricity, The reactivity of metals
4	Start of GCSE: Cells to systems, Atoms and the periodic table
5	Energy and the particle model, Chromatography,
6	Defining forces, Skills and full required practical investigations

Homework:
All homework is set on Sparx Science on a Monday to be submitted by a Sunday evening. Focussing on all learning up to this point,

Useful links:
Sparx Science Login
KS3 Science - BBC Bitesize
OAK National Academy - Science

Assessments:
At the end of each topic, students complete a post-diagnostic assessment in class. These short assessments help identify how well students have understood the key concepts and allow teachers to address any gaps.
There are two main formal assessment points during the year:
AP1 w/c 19th January – formal assessment covering all content taught up to that point
AP2 w/c 22nd June - formal assessment reviewing all topics covered throughout the year.
These formal assessments typically last 45–60 minutes
In addition to written assessments, students also complete practical investigations and skills-based tasks to support their development in scientific enquiry.