

## KS3 Science Curriculum Overview

**Head of Department - Mrs Hatton**

**Department teaching staff - Miss Neale, Mrs Dalby, Mr Hanlon, Mr Stewart**

**Assessment:**

During the lesson pupils' knowledge will be assessed by the teacher in a variety of ways including questioning, mini whiteboards and peer and self assessment.

During each topic all pupils will complete an extended piece of writing which is marked by the teacher using Whole Class Feedback. The pupils are then given the opportunity to act on the feedback given and improve their work. At the end of every two topics the pupils carry out a piece of summative assessment which is marked and graded by their classroom teacher. At the end of the year pupils sit an End of Year assessment which covers all the topics they have completed throughout the year.

**Homework:**

Homework is set every week in Science and will be in a variety of different formats including literacy tasks, exam questions, revision activities or using an online platform

**Other Useful Information:**

[Free Homework & Revision for A Level, GCSE, KS3 & KS2 \(senecalearning.com\)](https://www.senecalearning.com)

[GCSE Learning and Revision | GCSEPod](https://www.gcsepod.com)

[Carousel | Teach smarter, learn better \(carousel-learning.com\)](https://www.carousel-learning.com)

Year	Aut 1	Aut 2	Spr 1	Spr 2`	Sum 1	Sum 2
7	Intro to Science Cells, Tissues, Organs and Organ Systems The Particle Model	Energy Muscles and Bones	Mixtures and separation techniques Forces	Forces Atoms, elements and molecules	Electricity Sexual reproduction	Ecosystems
8	Acids and Alkalis Food and Nutrition	The Periodic Table Energy Transfers	Breathing and Respiration Metals and their Uses	Fluids Unicellular Organisms	Combustion Earth and Space	Earth and Space Rocks
9	Light and Sound Genetics	Making Materials Forces and Motion	Forces and Motion Reactivity	Plant Growth and reproduction	Force Fields	Transition Units