

Science

Year 7 and 8 follow a combined science course, called Exploring Science. This includes biology, chemistry and physics topics.

Year 7 Autumn Term

Pupils will explore cells, tissues, organs and systems. Doctors both past and present through to the 7 life processes leading in to the investigation of the human body. Pupils will further explore the human skeleton through the effects of fitness and movement. Pupils will finish the topic by exploring the world and the effects on the environment leading to animal reproduction and transfers in the food chain.

Year 8 Autumn Term

Pupils will be exploring food and nutrition linking to digestion and absorption. The topic will continue to investigate breathing, respiration and the gas exchange system linked to fitness. Unicellular organisms and The Black Death will be covered. Pupils will change direction and focus on plants and their reproduction, pollination, fertilisation and dispersal.

Things have changed slightly in Year 9 and pupils are taught, biology, chemistry and separately in preparation for their GCSEs starting in Year 10.

In Year 10 and 11 pupils follow the Edexcel GCSE Science course. This is broken down into four sections; Biology, Chemistry and Physics with each exam being worth 25% of the overall grade, with the final 25% coming from the completion of a controlled assessment in either Biology, Chemistry or Physics.

This is set to change in 2016, as the new Science GCSE comes into effect.