

KS3 Year 7 & 8 Assessment Plan

Subject: Science

Curriculum Intent:

Science is all around us, in the natural world and in the increasing technology and industry that we take for granted in our lives. The scientific method gives students the skills to question the world around them and validate the vast amount of information that is available to them every day, enabling them to make informed decisions now and in the future. The study of science will allow students to understand and contribute to some of the biggest issues being debated at a national and international level, such as climate change, vaccinations, antibiotic resistance, nuclear and renewable power resources, plastic waste and recycling, fracking, genetic engineering and the exploration of space.

Topics covered in year 7

Introduction to science
Biology Topic 1 Building blocks of life
Biology Topic 2 Reproduction
Biology Topic 3 Interactions and interdependencies
Chemistry Topic 1 Foundations of chemistry
Chemistry Topic 2 Atoms and Reactions
Chemistry Topic 3 Acids and Alkalis
Physics Topic 1 Forces
Physics Topic 2 Electricity and Magnetism
Physics Topic 3 Space

Topics covered in Year 8

Muscles & Bones	Particle model & Fluids
Forces	Rocks
Electricity & Magnetism	Earth & Space
Chemical reactions	Genetics & Evolution

Assessment Calendar

Students will complete an assessment at the end of every topic, this will add towards a cumulative average score. This will make up each students working at grade at Progress Review points. If a student misses an assessment no score is recorded so it does not add to their total in anyway.