

Curriculum Map – Subject: Science – KS3

Aim

The course gives students the opportunity to experience science within the context of their general education. The students will acquire knowledge and understanding of scientific facts, terminology, concepts, principles and practical techniques. It provides a solid understanding and appreciation of science that supports entry to GCSE science in year 10

Term 1		Term 2		Term 3	
Learning Cycle 1	Learning Cycle 2	Learning Cycle 3	Learning Cycle 4	Learning Cycle 5	Learning Cycle 6
Assessment based on end of unit tests on past exam questions	Assessment based on end of unit tests on past exam questions	Assessment based on end of unit tests on past exam questions	Assessment based on end of unit tests on past exam questions	Assessment based on end of unit tests on past exam questions	Assessment based on end of unit tests on past exam questions
<p>Intent Pupils will study units B1 nature of living things and structures and functions of living organisms.</p> <p>Implementation Pupils will understand the characteristics shared by living organisms. Pupils will be able to describe levels of organisation in living organisms. Pupils will understand cell structure of living things.</p> <p>Impact The units are part of the specification leading to the AQA entry level award and a solid grounding of the knowledge in key stage 3</p>	<p>Intent Pupils will study units B1 nature of living things and structures and functions of living organisms.</p> <p>Implementation Pupils will understand the characteristics shared by living organisms. Pupils will be able to describe levels of organisation in living organisms. Pupils will understand cell structure of living things.</p> <p>Impact The units are part of the specification leading to the AQA entry level award and a solid grounding of the knowledge in key stage 3</p>	<p>Intent Pupils will study units C1 Elements and compounds P1 Forces, energy and matter</p> <p>Implementation Pupils will understand the three states of matter and how particles change in arrangement between the states of matter. Pupils will be able to make predictions about the way objects move and behave.</p> <p>Impact The units are part of the specification leading to the AQA entry level award and a solid grounding of the knowledge in key stage 3</p>	<p>Intent Pupils will study units P2 electricity magnetism and waves C2 Chemistry in our world</p> <p>Implementation Pupils will have knowledge of how we use electricity in our lives, how chemical reactions produce energy They will study chemical reactions and learn these are useful in the world around us</p> <p>Impact The units are part of the specification leading to the AQA entry level award and a solid grounding of the knowledge in key stage 3</p>	<p>Intent Pupils will study units P2 electricity magnetism and waves C2 Chemistry in our world</p> <p>Implementation Pupils will have knowledge of how waves transfer energy and how organic chemistry affects our lives</p> <p>Impact The units are part of the specification leading to the AQA entry level award and a solid grounding of the knowledge in key stage 3</p>	<p>Intent Pupils will study units B2 Ecology and the environment</p> <p>Implementation Pupils will have knowledge of the makeup of ecosystems and factors affecting the organisms in the ecosystem Impact.</p> <p>Impact The units are part of the specification leading to the AQA entry level award and a solid grounding of the knowledge in key stage 3</p>