

Cross- Curricular Links

<p>Sport</p> <p>Human biology is covered in each unit of the curriculum. Anatomy & physiology, the affects of exercise on the body.</p> <p>Lifestyle factors that change the body/environment where they live.</p> <p>Physics- the strength and forces used during different physical elements undertaken.</p> <p>Chemistry- chemical compounds, vitamins and minerals that make up the body. Key vocabulary learnt and explored. ATP/ Creotine phosphate. Stress hormones in the body as well as growth hormones; testosterone.</p>	<p>RSHE</p> <p>The affects of drugs and alcohol on the body and the make up of these are explored.</p> <p>The changes to the body over a lifetime are learnt about along with the functions of the sexual organs in the body.</p> <p>Students explore recycling and the impact this has on the planet.</p>	<p>Catering</p> <p>Chemical reactions that occur when making foods e.g. dissolving, change of state (making a cake).</p> <p>Different boiling points that are needed for different reasons such as making caramel, toffee, a cup of tea.</p> <p>Health and safety, including hazard warning labels and COSHH substances and the purpose of those used in the kitchen.</p> <p>Dangers of food poisoning, the affects and impact on the body. Other diseases will be explored too.</p> <p>The changes is food over time when they go out of date.</p> <p>The effects on your body for different food types e.g. too much sugar, glucose, insulin, caffeine.</p>	
<p>Digital Functional Skills</p> <p>Scientific enquiry is developed through data collection and analysing data.</p> <p>Understanding how PC components work, the function of electricity.</p> <p>Understanding and programming for different algorithms linking to the topic being covered at a given time.</p> <p>PC running temperatures as well as signal speed and lengths and the affects of this.</p>	<div><h1>Scientific</h1><p>Crisp Vocational Provision Ltd</p><p>Building futures for tomorrow</p></div>		<p>Construction</p> <p>The purposes of different materials for purposes in different trades.</p> <p>Measuring capacity and completing different practical experiments to evaluate the success of different materials.</p> <p>Working with hazardous chemicals and understanding COSHH legalities.</p> <p>Health and safety, including disease and illness such as the impact of exposure to asbestos, dust inhalation etc.</p>
<p>Art</p> <p>Students will work on mixing different colours (colour wheels) and understand the gradients of colour.</p> <p>Students will learn how to stay safe when using a range of different chemicals for a specific output, understanding hazardous labels.</p> <p>Creating and evaluating different projects.</p>	<p>Extra Curricular Activities and Duke of Edinburgh Award</p> <p>Students will be learning about anatomy and physiology during the physical element of the Duke of Edinburgh Award.</p> <p>Horticulture trips are organized to the Bulwell community gardens when they will learn about plants, weather, cycles.</p> <p>Students will be offered the additional opportunity to cook, outside of their timetabled lessons, to say, prepare breakfast for the rest of the provision.</p>	<p>Functional Skills</p> <p>Both English and Maths links specific to the scientific enquiry aspects of the delivery of science. These include investigative skills, use of numbers and various functions to complete tasks.</p>	