

Monday 4th of October	Tuesday 5th of October	Wednesday 6th of October	Thursday 7th of October	Friday 8th of October
<p>3D modeling</p> <p>We will be developing our understanding of shapes in 3D space. we will be using a 3D printing pen to make the shapes which the kids can take home.</p>	<p>Research and Presentation</p> <p>The children will be given a question that will challenge them to research a certain topic and then present on that topic at the end of the day.</p>	<p>Electronics</p> <p>We will be developing our understanding of electronics, how to make a circuit and analyse it!</p>	<p>Electronics</p> <p>The children will make a computer from scratch using a Raspberry Pi.</p>	<p>Programming</p> <p>The children will develop simple games such as Snake and Guess My Number on the Computers that they had built the previous day or on their own device.</p>

Monday 11th of October	Tuesday 12th of October	Wednesday 13th of October	Thursday 14th of October	Friday 15th of October
<p>3D modeling</p> <p>We will be developing our understanding of shapes in 3D space. we will be using a 3D printing pen to make the shapes which the kids can take home.</p>	<p>Chemistry (and maths)</p> <p>The children will be developing their understanding in geometry, arithmetic and algebra. The children will develop an understanding of chemical reactions, equilibrium equations and how molecules are formed.</p>	<p>Biology (and maths)</p> <p>The children will be developing their understanding in geometry, arithmetic and algebra. The children will develop an understanding of the structure of cells with a focus on mitochondria, DNA and ecosystems.</p>	<p>Physics (and maths)</p> <p>The children will be developing their understanding in geometry, arithmetic and algebra. The children will develop an understanding of the basic atomic structure including protons, electrons and neutrons. Newtonian laws of motion and mechanical systems.</p>	<p>Programming</p> <p>The children will develop simple games such as Snake and Guess My Number on the Computers that they had built the previous day or on their own device.</p>