

Technology Long Term Plan

Year	Curriculum Intent	Content	Method of assessment
7	<p>Engineering Design Build knowledge and understanding of the design and manufacture process, with a focus on electronics and design for 3D Printing.</p> <p>Food Technology Knowledge of ingredients & healthy eating</p> <p>Information Technology Understand the Microsoft office suite of applications and how , in particular spreadsheets can be used to support learning and analyse data.</p>	<p>Engineering Design <u>Basic electronics and control:</u></p> <ul style="list-style-type: none"> • Switch theory • Series / parallel circuits <p><u>Communication:</u></p> <ul style="list-style-type: none"> • Sketching • Rendering • Technical drawing • CAD <p><u>Manufacture:</u></p> <ul style="list-style-type: none"> • Accuracy in manufacture using a variety of materials • H&S • 3D Printing <p><i>Feeds forward to Year 8</i></p> <p>Food Technology</p> <ul style="list-style-type: none"> • Food prep & cooking techniques • Knowledge of consumer food & drink choices • Apply knowledge to make informed choices • Develop creative technical and practical skills <p><i>Feeds forward to Year 8</i></p> <p>Information Technology</p> <ul style="list-style-type: none"> • Spreadsheet use and design. • Database use and design. • Project planning techniques and instruction sets • The systematic and logical sequencing of actions. • Analysing data - spotting and explaining basic correlations. • GUI design basics – introduction of Photoshop. <p><i>Feeds forward to year 9</i></p>	<ul style="list-style-type: none"> • Formal Tests, 3 weekly