

Year 8 Curriculum Overview 2017 - 2018

Subject: Computing



Term		Content	Assessment Tasks
Term	Rotation	<p>Pupils will complete:</p> <p>Computing</p> <p>Practical: Smart House project. Pupils will learn how to use input and output devices in conjunction with a micro controller to control the home environment.</p> <ul style="list-style-type: none">Theory: Circuits and breadboards, programming a micro-controller, Sensors, Benefits and limitations of automation. Environmental impact of automation.	<ul style="list-style-type: none">Practical: Assessment of project website where pupils will have recorded their progress through the project.Theory: End of unit test – 20 minutes under examination conditions.Homework: 9 week project booklet based on internet safety, input and output devices, the social and ethical implications of automation and data collection.