

CURRICULUM CONTENT Year 8 Computer Science

<p>Rotation 1</p> <p>Spreadsheet Modelling</p> <p>Students will create, develop and interrogate a spreadsheet model.</p> <p>This includes: Using goal seek Using absolute cell referencing Creating a using charts Extending and formatting a model Presentation of work</p>	<p>Key Assessments</p> <p>Introduction to ICT Assessment</p> <p>Completed Spreadsheet Modelling booklet.</p> <p>Target sheets completed.</p> <p>Levelled end of unit assessment.</p>	<p>Extension Activities that parents can undertake to support learning.</p> <p>Discuss different aspects of eSafety with your daughter.</p> <p>Use your daughter’s Spreadsheet modeling handbook to guide the discussions.</p> <p>www.teach-ict.com</p>
<p>Rotation 2</p> <p>Developing Python</p> <p>Students will decompose problems and design solutions to solve these problems using Pythons</p> <p>Students will need to create programs based on a range of tasks.</p> <p>In these task students will need to show a range of skills such as sequencing, selection and iteration</p>	<p>Key Assessments</p> <p>Python Assessment</p> <p>Completed Python booklet.</p> <p>Target sheets completed.</p> <p>Levelled end of unit assessment.</p>	<p>Extension Activities that parents can undertake to support learning.</p> <p>Download Python 3.5 for free.</p> <p>Use computing programming for beginners book.</p>