

Year 8 Homework Menu: Computing and ICT



For each unit you must choose one take away item for homework. The chilli rating suggests the difficulty of the task, or the challenge it might offer. Choose your homework from the menu below. The extra hot tasks will gain the most bonus points. You can earn an extra bonus point for putting in maximum effort. Your teacher will set your deadline and how you should submit your work.

<p>More advanced thinking skills</p>  <p>Thinking skills</p> 		<p>Creating</p> <p>6</p>	<p>Create a useful spreadsheet on a topic of your choice using ALL of the skills shown below</p>			
		<p>Evaluating</p> <p>5</p>	<p>Create a spreadsheet to calculate the VAT of 5 products. Show the effect of a rise in VAT</p>	<p>Explain the term 'What If' and how spreadsheets help to ask 'What If' Questions</p>	<p>Describe the Advantages and Disadvantages of using Spreadsheets</p>	
		<p>Analysing</p> <p>4</p>	<p>Use a spreadsheet to list the exam results for a class of students and SORT it into order by name and by results</p>	<p>Use 2 GRAPH in a spreadsheet to analyse the</p>		<p>Show how you would use a spreadsheet to analyse results of a student survey on a topic of your choice</p>
		<p>Applying</p> <p>3</p>	<p>Show how you would use a spreadsheet and formulas to add up the total cost of a shopping list</p>	<p>Create a useful Spreadsheet which includes formulas to add, multiply & find a percentage</p>	<p>Create a Spreadsheet which uses four of the formulas below including = SUM()</p>	
		<p>Understanding</p> <p>2</p>	<p>Explain what this formula means: =A15 + B15 + C15</p>	<p>Explain what =SUM() does and how to use it</p>	<p>Explain three of the following =COUNT(); =COUNTIF(); =AVERAGE; =MAX(); =VLOOKUP</p>	
		<p>Remembering</p> <p>1</p>	<p>What must you type into a cell every time you want to input a formula? State the name of the Spreadsheet software at school and how to open it</p>	<p>State what a cell is in a Spreadsheet, what a cell reference is and give an example.</p>	<p>List 6 different ways you can format a cell in Excel Spreadsheets</p>	