





## Curriculum Overview for Computer Science Year 9

<p>Half Term 4 Data Science</p> <p><b>Substantive Knowledge:</b></p> <ul style="list-style-type: none"> <li>• Understand what Data Science means</li> <li>• Understand what a Visualisation is</li> <li>• Understand the importance and use of different visualisations</li> <li>• Understand the story telling of data science</li> </ul> <p><b>Disciplinary knowledge:</b></p> <ul style="list-style-type: none"> <li>• Be able to produce a chart in Excel</li> <li>• Be able to produce a pie-chart in Excel</li> <li>• Be able to produce a bar chart in Excel</li> <li>• Be able to produce a line chart in Excel</li> <li>• Be able to tell a story from data</li> </ul>		<p>Model reading Reading out loud Skim and Scan of source information Decoding terms Etymology of key terms</p>
		<p>Data Science Visualisation Graph Chart Pie-Chart Bar Chart Histograms Data story</p>
		<p><b>Formative assessment</b> Knowledge checks Quiz Game based assessment <b>Summative assessment</b> End of unit assessment</p>
		<p>Practice questions Revision tasks Research tasks</p>