



IT COMP Y7 CURRICULUM AND ASSESSMENT MILESTONES DOCUMENT

YEAR 7 CURRICULUM MILESTONES: IT COMP

Topic 1: Digital Literacy		
Learning aim		
How to navigate around the system to open documents		
Create files and folders in their work area		
Create and save documents using Microsoft Word and Microsoft PowerPoint		
Topic 2: E-Safety		
Learning aim		
Explain what is meant by the term e-safety		
Recognize the dangers of being on social media including cyberbullying and grooming		
Recognize how their personal information can be stolen on the internet		
Understand how to keep their personal information safe and secure		
Topic 3 – Understanding Data		
Learning aim		
Explain what formatting is and how it can help make documents more readable		
Perform basic formatting task in Microsoft Excel		
Use formulas and functions in Microsoft Excel to conduct basic calculations		
Create charts and graphs to build simple computer models		

Topic 4: BITE Basics		
Learning aim		
Describe how businesses differentiate their products from their rivals		
Explain what market segmentation is and how it is used to target different customers		
Describe what is meant by the term franchising and give real business examples		
Explain the strategies that businesses can use to price their products		
Explain with examples how businesses can advertise their products		
Describe how businesses differentiate their products from their rivals		
Explain what market segmentation is and how it is used to target different customers		
Topic 5: Turtle Small Basic Programming		
Learning aim		
Use simple written instructions to make shapes in Microsoft Small Basic		
Describe what the terms decomposition, iteration and algorithm mean		
Use decomposition and iteration to make more complex shapes in Microsoft Small Basic		
Topic 6: Scratch Graphical Programming		
Learning aim		
Describe the different elements that make up the scratch user interface		
Make a character move around a screen using different input methods such as keys or a mouse		
Use iteration, loops, and conditional statements to make a simple computer game following a guide		
Create a unique computer game using skills and techniques they have learnt		

YEAR 7 ASSESSMENT MILESTONES: IT COMP

Topic 1 & 2 Digital Literacy and E-Safety	<p>Pupils will complete an end of topic diagnostic test which covers both topics.</p> <p>Pupils should demonstrate knowledge of the following for digital literacy: why we use files and folders, how to use cloud computing applications and what common programs we use.</p> <p>Pupils should demonstrate knowledge of the following for E-Safety: How to protect data online, what the common dangers are of being online and how to safeguard yourself against them.</p>
Topic 3 & 4 Spreadsheets and BITE Basics	<p>Pupils will complete an end of topic diagnostic test which covers both topics.</p> <p>Pupils should demonstrate knowledge of the following for Spreadsheets: What spreadsheets are commonly used for, what the difference between formulas and functions are and how data can be represented. They will also be given verbal feedback during the lessons.</p> <p>Pupils should demonstrate knowledge of the following for BITE Basics: What the function of the marketing department is, how businesses use the 4Ps (product, price, promotion and place)</p>
Topic 5 & 6 Python and Scratch.	<p>Pupils will complete a diagnostic test.</p> <p>Pupils should demonstrate a recognition of an understanding of the term's: variable, algorithm, sequencing, iteration and debugging.</p> <p>Pupils should demonstrate a knowledge of a program and solve programming errors.</p>