

Subject: Digital Literacy

Year 7 (Modules, Topics)

Term 1	Term 2	Term 3
<p>E1 - Esafety System access / Primary Computing use Survey / Email functions CB1 - What is the Function of a Computer? (I/P/S/O) CB2 - Computing History = Enigma / Bletchley Park / Collosus CB3 - The role of Transistors and Moore's Law CB4 - Computer Components (Inp/Storage/Out) CB5 - CPU - Parts and Functions MB1 - Introduction to the Microbit and exploration of the display functions using the Block Editor code. MB2 - Development into using variables to control outputs</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>	<p>E1 - Esafety MB3 - Investigation into IF / ELSE to use logic to control program flow MB4 - Development of programs combining all elements from MB1-MB3 MB5 - Use of FOR / WHILE loops to create iteration in Microbit programs MB6 - Input functions from either the A+B buttons or tilt sensor. S1 - Revision of Key Controls</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>	<p>E1 - Esafety S2- Developing Skills S3 - Developing More Skills S4- Can the computer understand me? S5- Can you programme or will you be programmed S6- Scratch Assessment</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>

Year 8 (Modules, Topics)

Term 1	Term 2	Term 3
<p>E1 - Esafety MB1 - Introduction to the Microbit and exploration of the display functions using the Block Editor code. MB2 - Development into using variables to control outputs MB3 - Investigation into IF / ELSE to use logic to control program flow MB4 - Development of programs combining all elements from MB1-MB3 MB5 - Use of FOR / WHILE loops to create iteration in Microbit programs MB6 -Input functions from either the A+B buttons or tilt sensor. CB1 - Revision of Terms CB1 - Revision of Data Representation</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>	<p>E1 - Esafety N1 - What is the Web Vs Internet/How do SE and Browsers work? N2 - Domain Names, IP Address and DNS process N3 - DNS in action N4 - Packets and Routers N5- Modelling a Network</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>	<p>E1 - Esafety DB1 - Key Concepts / Setup DB2 - Data Validation DB3 - Forms and Queries DB4 - Adv Queries and Sorts DB5- Database Assessment</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>

Year 9 (Modules, Topics)

Term 1	Term 2	Term 3
<p>E1 - Esafety N1 - What is the Web Vs Internet/How do SE and Browsers work? N2 - Domain Names, IP Address and DNS process N3 - DNS in action N4 - Packets and Routers N5- Modelling a Network P1 - Python Intro / Prints</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>	<p>E1 - Esafety P2- Input and Variables P3 - Maths Operators / Code Comment P4 - IF Statements P5 - Count P6 - Consolidation</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>	<p>E1 - Esafety P7 - Loops C1 - Cryptography History C2 - Caesar Developed C3 - Modern Ciphers C4 - Hashing Passwords</p> <p>Resources: Electronic folders of resources will be provided.</p> <p>Assessment: Written termly assessment plus weekly homework tasks set on 'Show my homework'.</p>