

Computing Progression Grid



	F1	F2	Y1	Y2
Knowledge	<p><u>Multimedia</u></p> <ul style="list-style-type: none"> - Knows that information can be retrieved from computers 	<p><u>E-Safety</u></p> <ul style="list-style-type: none"> - Understands how to keep safe on the internet. <p><u>Multimedia</u></p> <ul style="list-style-type: none"> - Recognise that a range of technology is used in places such as homes and schools. 	<p><u>E-Safety</u></p> <ul style="list-style-type: none"> - Understand rules around e-safety and know who to tell if something concerns them online <p><u>Multimedia</u></p> <ul style="list-style-type: none"> - Knows that information can be presented in different formats. - Know how and when ICT is used in everyday life. - Know which different devices can go online and which can not - Understands that images give information 	<p><u>E-Safety</u></p> <ul style="list-style-type: none"> - Understands that personal information should be kept private. - Knows how to communicate safely, respecting and considering other people's feelings online <p><u>Programming</u></p> <ul style="list-style-type: none"> - Understands what algorithms are, how they are implemented as programs on digital devices and that programs execute by following a precise sequence of instructions <p><u>Multimedia</u></p> <p>Understands what digital folders are and why they are used.</p>
Skills	<p><u>Programming</u></p> <ul style="list-style-type: none"> - To use a remote control to make equipment move <p><u>Multimedia</u></p> <ul style="list-style-type: none"> - Use a tablet to take photos and use the magnifying app to explore - To operate simple equipment, e.g. turns on CD player 	<p><u>Programming</u></p> <ul style="list-style-type: none"> - Completes a simple program on a computer. (Beebot, Daisy Dinosaur app) <p><u>Multimedia</u></p> <ul style="list-style-type: none"> - Select and use technology for particular purposes: - Identify known building and features on google earth. - To play video clips on tablets. - To play songs on CD player / tablet. - Use torches to explore light and transparent materials / shadows. 	<p><u>Programming</u></p> <ul style="list-style-type: none"> - Give simple instructions to everyday devices to make things happen - Create simple programs <p><u>Multimedia</u></p> <ul style="list-style-type: none"> - Solve a problem using ICT - Complete simple tasks on a computer by following instructions - Make decisions about whether or not statements or images found on line are likely to be true <p><u>Data Handling</u></p> <ul style="list-style-type: none"> - Say what a pictogram is showing them - Put data into a program (pictogram) - Sort objects and pictures in lists or simple tables 	<p><u>Programming</u></p> <p>Knows how to create and debug simple programs.</p> <p>Can use logical reasoning to predict the behaviour of simple programs</p> <p><u>Multimedia</u></p> <p>Organise, store, manipulate and retrieve data in a range of digital formats</p> <p>Identify obviously false information in a variety of contexts.</p> <p><u>Data Handling</u></p> <p>Place objects and pictures in a list or a simple table.</p> <p>Make a simple Yes/No tree diagram or sort information</p>

Vocabulary	<u>E-Safety</u> Internet <u>Programming</u> Equipment Buttons Movement	<u>E-Safety</u> Choices Internet Website <u>Programming</u> Equipment Buttons Movement <u>Multimedia</u> Screen Mouse Images Keyboard Paint <u>Technology in our lives</u> Technology Share Create Internet <u>Data Handling</u> Collect Set of photos Count Organise	<u>E-Safety</u> Rules Online Private information Email <u>Programming</u> Instructions Buttons Robots Patterns Program <u>Multimedia</u> Videos Camera stills Sounds Image bank Word bank Space bar <u>Technology in our lives</u> Purpose Online tools Communicate <u>Data Handling</u> Photographs Video Sound Data Pictogram Digitally	<u>E-Safety</u> Appropriate/inappropriate sites Cyber-bullying Digital footprint Keyword searching <u>Programming</u> Forward Backward Right-angle turn Algorithm Sequence Debug Predict <u>Multimedia</u> Paint effects Templates Animation Documents Index finger typing Enter/return Caps lock Backspace <u>Technology in our lives</u> Information sources Communication Purposes Website content <u>Data Handling</u> Capturing moments Magnified images Questions Data collection Graphs Charts Save Retrieve
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Books				
Resources	CD player Remote control vehicles	CD player Beebots Kindles / ipads	Chromebooks Purple mash	Chromebooks Purple mash