

# Computing Progression Grid 2021-22



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

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