

# Computing Progression Grid



	F1	F2	Y1	Y2
<b>Knowledge</b>	<p><b><u>Multimedia</u></b> - Knows that information can be retrieved from computers</p>	<p><b><u>E-Safety</u></b> - Understands how to keep safe on the internet.</p> <p><b><u>Multimedia</u></b> - Recognise that a range of technology is used in places such as homes and schools.</p>	<p><b><u>E-Safety</u></b> - Understand rules around e-safety and know who to tell if something concerns them online</p> <p><b><u>Multimedia</u></b> - 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>	<p><b><u>E-Safety</u></b> - Understands that personal information should be kept private. - Knows how to communicate safely, respecting and considering other people's feelings online</p> <p><b><u>Programming</u></b> - 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> <p><b><u>Multimedia</u></b> Understands what digital folders are and why they are used.</p>
<b>Skills</b>	<p><b><u>Programming</u></b> - To use a remote control to make equipment move</p> <p><b><u>Multimedia</u></b> - Use a tablet to take photos and use the magnifying app to explore - To operate simple equipment, e.g. turns on CD player</p>	<p><b><u>Programming</u></b> - Completes a simple program on a computer. (Beebot, Daisy Dinosaur app)</p> <p><b><u>Multimedia</u></b> - 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>	<p><b><u>Programming</u></b> - Give simple instructions to everyday devices to make things happen - Create simple programs</p> <p><b><u>Multimedia</u></b> - 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> <p><b><u>Data Handling</u></b> - Say what a pictogram is showing them - Put data into a program (pictogram)&gt; - Sort objects and pictures in lists or simple tables</p>	<p><b><u>Programming</u></b> Knows how to create and debug simple programs. Can use logical reasoning to predict the behaviour of simple programs</p> <p><b><u>Multimedia</u></b> Organise, store, manipulate and retrieve data in a range of digital formats Identify obviously false information in a variety of contexts.</p> <p><b><u>Data Handling</u></b> Place objects and pictures in a list or a simple table. Make a simple Yes/No tree diagram or sort information</p>

## Vocabulary

### E-Safety

Internet

### Programming

Equipment

Buttons

Movement

### E-Safety

Choices

Internet

Website

### Programming

Equipment

Buttons

Movement

### Multimedia

Screen

Mouse

Images

Keyboard

Paint

### Technology in our lives

Technology

Share

Create

Internet

### Data Handling

Collect

Set of photos

Count

Organise

### E-Safety

Rules

Online

Private information

Email

### Programming

Instructions

Buttons

Robots

Patterns

Program

### Multimedia

Videos

Camera stills

Sounds

Image bank

Word bank

Space bar

### Technology in our lives

Purpose

Online tools

Communicate

### Data Handling

Photographs

Video

Sound

Data

Pictogram

Digitally

### E-Safety

Appropriate/inappropriate sites

Cyber-bullying

Digital footprint

Keyword searching

### Programming

Forward

Backward

Right-angle turn

Algorithm

Sequence

Debug

Predict

### Multimedia

Paint effects

Templates

Animation

Documents

Index finger typing

Enter/return

Caps lock

Backspace

### Technology in our lives

Information sources

Communication

Purposes

Website content

### Data Handling

Capturing moments

Magnified images

Questions

Data collection

Graphs

Charts

Save

Retrieve

<b>Books</b>				
<b>Resources</b>	CD player Remote control vehicles	CD player Beebots Kindles / ipads	Chromebooks Purple mash	Chromebooks Purple mash