



## COMPUTING PROGRESSION OF KEY SKILLS RECEPTION

<b>RECEPTION</b>	<p><u>Understanding the World</u></p> <p><b>Technology:</b> children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.</p> <p><b>We are learning to:</b></p>
<b>USING TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>- become familiar with using computers and other technology in continuous provision and role play areas</li> <li>- recognise some technology that is used in places such as homes and school</li> <li>- select and use technology for a particular purpose</li> <li>- access and use simple activities using touch technology with increasing control</li> <li>- know the parts of a computer</li> <li>- name and use a keyboard</li> <li>- develop hand eye coordination using a mouse</li> <li>- know how to enter and select a programme</li> <li>- use click and drag to move objects around the screen using the mouse</li> <li>- use the keyboard to input the alphabet in lower and upper case, using the space bar in between each letter</li> <li>- write my name using a keyboard on different devices</li> <li>- use the caps lock for the initial sound in their name</li> <li>- use the keyboard to write their own name, holding the 'SHIFT' key for the capital letter</li> </ul>
<b>DATA RETRIEVING AND ORGANISING</b>	<ul style="list-style-type: none"> <li>- insert data into a pictogram, as a class</li> <li>- answer simple questions relating to the pictogram as a class</li> </ul>
<b>ALGORITHMS AND PROGRAMS</b>	<ul style="list-style-type: none"> <li>- use a range of control toys and devices</li> <li>- use Beebots and give simple commands</li> <li>- use peer tutoring to teach each other</li> <li>- make a Beebot move forwards and backwards</li> <li>- give simple instructions to perform a sequence</li> <li>- understand how to give something an instruction in order to create a sequence of movements</li> <li>- design and build using computer software</li> <li>- use design and build using Purple Mash and Simple City</li> <li>- make decisions using Purple Mash and Simple City</li> <li>- demonstrate the programme and explain the different functions</li> </ul>

<b>COMMUNICATION: IMAGES, VIDEO AND ANIMATION</b>	<ul style="list-style-type: none"><li>- use a digital device to take a photograph</li><li>- use a simple paint programme with increasing mouse control</li><li>- Interact and explore our environment using multimedia equipment, including digital cameras, video cameras, microscopes, webcams and visualisers to capture still and moving images</li><li>- use a simple graphics programme</li><li>- draw a subject related to a learning context using Purple Mash paint software</li><li>- save and print out work</li><li>- use programmes that have a clear print icon before progressing to those that need confirmation by clicking ok</li><li>- print our designs</li></ul>
<b>DIGITAL RESEARCH</b>	<ul style="list-style-type: none"><li>- use a shortcut such as an icon on the desktop to navigate to a specific website.</li><li>- use appropriate internet-based games and activities to support my learning</li></ul>
<b>ESAFETY</b>	<ul style="list-style-type: none"><li>- talk about what they are doing on a computer</li><li>- say if something they find on the internet makes them feel bad</li><li>- follow the school's safer internet rules</li></ul>