









Computing

<p>SEND Adaptations across the strands in Computing</p>	<p style="text-align: center;">Computer Science <i>How computers work</i></p> <div style="text-align: center;">  Algorithms & Computing </div> <div style="text-align: center;">  Data </div> <div style="text-align: center;">  Systems </div>	<p style="text-align: center;">Information Technology <i>How computers are used purposefully</i></p> <div style="text-align: center;">  Digital Artefacts </div> <div style="text-align: center;">  Computing contexts </div>	<p style="text-align: center;">Digital Literacy <i>How to use technology in an effective, responsible and safe manner</i></p> <div style="text-align: center;">  Mechanics </div> <div style="text-align: center;">  Searching for and selecting information </div> <div style="text-align: center;">  E-safety </div>
<p>Explicit Instruction</p>	<p>Pre-teach key vocabulary</p> <p>Short, clear instructions</p> <p>Adapt key questions using Blank Level Questioning</p> <p>Teacher to provide an example or model which shows exactly what to do</p> <p>Social stories for Internet safety using widget program</p>		
<p>Cognitive / Meta-Cognitive strategies</p>	<p>Refer to prior learning</p> <p>Visual prompts</p> <p>Widgit picture vocabulary on tables</p>		

	<p>Physical representations of the parts of a computer</p> <p>Additional reflection and practice time given</p>
Scaffolding	<p>Visual sources enlarged as needed</p> <p>Tasks broken down into manageable chunks</p> <p>Share an excellent example of the end product or outcome</p> <p>Mind maps for recording internet research</p>
Flexible Grouping	<p>Mixed ability groups for discussion</p> <p>Talk partners</p> <p>Adult support</p>
Using technology - hardware and software	<p>Simplified equipment e.g. Beebots</p> <p>Clicker 8</p> <p>Chrome books – reading function</p> <p>Sound recording mats to orally rehearse ideas</p> <p>I-pad linked to Interactive whiteboard</p> <p>Keyboard overlays for lower case letters</p>

