

Send in my subject area: COMPUTING

What is in place and needs to be place in your subject area for teaching that subject to pupils with SEND?

C&L		C&I	
Subject challenges for pupils with SEND	Provision for SEND	Subject challenges for pupils with SEND	Provision for SEND
<p>Struggling to understand subject terminology</p> <p>Children may struggle to access age related content.</p>	<ul style="list-style-type: none"> • Use of IT to positively support pupils, for example, children with dyslexia. • Introducing new terms at start of the lesson. Use of word grids. • Spiral curriculum. • Model work. • Use of lesson material from appropriate year group. This should be as close to the learning objectives as possible. Use resources from 'Barefoot Computing'. Use of assessment to assess children's areas of need. 	<p>Understanding large chunks of text online</p> <p>Children with EAL</p> <p>Children's preferred learning styles are adhered to</p>	<ul style="list-style-type: none"> • Working in quiet area • Use of IT to positively support pupils, for example, children with dyslexia. • Chunk key information. • Recap previous learning. • Mixed ability partners. • Visual support when teaching abstract concepts. Programming – use physical computing e.g. Bee-Bot. • Children can write to record work. Use of voice recorder system instead of children typing. • KarZouche: social communication creates scenarios to aid social communication • Linking tasks with children's special interests can motivate them.
Physical and Sensory		Social, emotional and mental Health	
Subject challenges for pupils with SEND	Provision for SEND	Subject challenges for pupils with SEND	Provision for SEND
<p>Children may struggle to read from the screen.</p> <p>Pupils with motor impairments need additional space.</p> <p>Children may not be able to hear videos</p> <p>Children's preferred learning styles are adhered to</p> <p>Visual impairment</p>	<ul style="list-style-type: none"> • Careful use of background colour. Magnifier aids. • Glare is reduced – laptops away from windows. • Ensure adequate space is given • Ensure that all cables are out of the way and trip hazards are removed. • Subtitles are put on to videos. • Children can write to record work. Use of voice recorder system instead of children typing. • Use of physical computing. Use of videos with audio. 	<p>Pupils may be more vulnerable online to aspects such as grooming or bullying.</p> <p>Students lack motivation</p>	<ul style="list-style-type: none"> • E-Safety taught explicitly. Further E-Safety covered in nurture sessions. Giving clear advice. • Children have individual logins so we can monitor online footprint. If researching, guide children to appropriate websites. Data protection / filters are in place. • Use of praise. • Ensure activities are motivating and ensure success can be achieved. • Linking tasks with children's special interests can motivate them. • Application to real life. Workshops on E-Safety.