

Curriculum intent (overview) – To deepen students’ skills and knowledge through a broad and balanced curriculum which prepares students for adulthood.

## 3Q 2 - Quest Curriculum – ICT – Computing/ 2 Lessons

Year	2024 - 2025 Autumn 1 Unit 1	2024 – 2025 Autumn 2 Unit 2	2024 - 2025 Spring 1 Unit 3	2024 - 2025 Spring 2 Unit 4	2024 - 2025 Summer 1 Unit 5	2024 - 2025 Summer 2 Unit 6
Year 7	<p><b>Topic:</b> What is a computer? -Everyday Technology.</p> <p>Use Sheffield SEND Computing SOW- Unit 1A. Suggested activities 5 to 12.</p> <p><b>Outcome is symbol based acceptable use agreement for the class.</b></p> <p><b>Suggested Key questions:</b> What is a computer? What objects have or use computers? Where have you seen people use computers? What do they do? Who uses them? What parts of a computer can you recognise and name?</p> <p><b>Key skills and knowledge:</b> Explore technology - Begin to try to use different digital devices, e.g. computer, camera, tablet. - Recognise and name different parts of a computer and tablets. -Know how to treat computers- what is right and wrong.</p>	<p><b>Topic:</b> What is a computer? -Key Skills.</p> <p>Sheffield SEND Computing SOW- Unit 1C</p> <p>Mixed with extended typing practice using TYPING.COM – beginner lessons.</p> <p><b>ICT Expectations. Parts of a computer. Keyboard skills. Logging on to the computer- use of login cards.</b></p> <p><b>Set of simple instructions- typed.</b></p> <p><b>Suggested Key Questions:</b> How should we conduct ourselves in the ICT room? What safety rules do have to follow and why? What should you never do with logins and passwords? How do we login in and/or save our work? What do the buttons on the keyboard do?</p> <p><b>Key Skills and knowledge:</b> With support can add text and images to a template document in MSWord using an image &amp; word bank</p>	<p><b>Topic:</b> Online Safety</p> <p><a href="https://www.thinkuknow.co.uk/parents/jessie-and-friends-videos/">https://www.thinkuknow.co.uk/parents/jessie-and-friends-videos/</a></p> <p><b>Jessie &amp; Friends</b> The key message for children throughout <i>Jessie and Friends</i> is that if a child ever feels worried about anything that happens online, they should seek help from an adult they trust. Further learning outcomes include identifying and responding safely to manipulative, pressurising and unhealthy behaviour online, and considering the safety and rights of themselves and other children when sharing content online.</p> <p><b>Suggested Key Questions:</b> What does being online look like? What are the different feeling we can experience when we are online? How do we identify adults who can help? Can photos be shared online?</p> <p><b>Key skills and knowledge:</b></p>	<p><b>Topic:</b> Using Word</p> <p>Opening a MSWord doc.</p> <p>Creating a page about things about thing you like (objects, family, food, games)</p> <p><b>Key Questions:</b> How do underline a title? How can you change the font? Where can you find an image to go with that word? How can you make it appear on your page? What does the save button look like?</p> <p><b>Key Skills and knowledge:</b> Typing given words using correct hand placement. Fine motor mouse skills. Looking for an image online to go with my word. Right clicking copy and paste. Begin to understand that there are online tools that can help them create and communicate.</p>	<p><b>Topic:</b> Digital Art</p> <p>Sheffield SEND Computing SOW- Unit 2A. Suggested activities -any from 1 to 9.</p> <p><b>Mouse fine-motor and clicking skill to colour or paint.</b></p> <p><b>Key Questions:</b> What is art? What can it look like? Can you make art on a computer? Can you click to pick a colour for a picture? (coloring4all.com) Can you paint with a digital brush using a mouse or a touch screen?</p> <p><b>Key skills and knowledge:</b> - Explore technology, e.g. an art package. - Demonstrate a preference for an image from a selection. - Create simple digital content e.g. create an image in an art package. - Select basic options in a familiar application to create artwork, e.g. colour of pen. - Select basic options in a familiar application to change appearance of media, e.g. font size, pen style</p>	<p><b>Topic:</b> Using power point</p> <p>Sheffield SEND Computing SOW- Unit 2F. Suggested activities 9-10.</p> <p><b>Key Questions:</b> Can you choose an image to convey information? How can you change the background slides? How do import an image? Can you make more than one slide?</p> <p><b>Key skills and knowledge:</b> -Demonstrate a preference for digital content from a selection, e.g. choose an image or music to add to a poster or presentation.  -Look at how data is representing digitally.  -Contribute to and interpret a pictogram.  - Select basic options in an application, e.g. colour of text  - Present information using appropriate software with support</p>

		<p>Begin to use index fingers (left and right hand) on a keyboard to build words &amp; sentences.</p> <p>To know the space bar makes 'finger spaces' between words.</p> <p>With visual prompts can recognise uses of technology in their homes and in their community.</p>	<p>Talk about good &amp; bad choices in real life e.g. taking turns, saying kind things, helping others, telling an adult if something upsets you.</p> <p>Play appropriate games on the Internet.</p> <p>Talk about good and bad choices when using websites – being kind, telling a grown up if something upsets us &amp; keeping ourselves safe by keeping information private.</p>			
<p>Links to Gatsby Benchmarks:</p>	<p>4. Linking curriculum learning to careers.</p> <p>Recognising technology and how it helps us and others.</p> <p>Beginning to be able to use some technology.</p>	<p>4. Linking curriculum learning to careers.</p> <p>Skills needed to keep safe online.</p> <p>Working in an office-based environment.</p>	<p>4. Linking curriculum learning to careers.</p> <p>Skills needed to keep safe online.</p> <p>Working in an office-based environment.</p>	<p>4. Linking curriculum learning to careers.</p> <p>Word processing.</p> <p>Web designer Magazine layout designer Advertising director Typographer</p>	<p>4. Linking curriculum learning to careers.</p> <p>Illustrator Artist Animator Digital design Web designer Magazine layout designer Typographer</p>	<p>4. Linking curriculum learning to careers.</p> <p>Web designer Magazine layout designer Advertising director Typographer</p>

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Year 8	<p><b>Topic:</b> Photographs - Using PowerPoint.</p> <p>Sheffield SEND Computing SOW- Unit 2C.</p> <p><b>Key Questions:</b> What is a photo? How is this different from a picture? Where does a photo come from? Can you match photos to words or subjects? Can you pick something to take a photo of? Can you take a photo on an ipad? Can you print this photo with support?</p>	<p><b>Topic:</b> Coding- Scratch JR</p> <p>Sheffield SEND Computing SOW- Unit 4E.</p> <p><b>Key Questions:</b> What is an algorithm? What is programming? How do we programme something? To know what is meant by algorithm, sequencing, de-bug. Understand that we control computers; create a short program to move a sprite</p>	<p><b>Topic:</b> Online Safety – Play like share (CEOP)</p> <p><b>Suggested Key Questions:</b> What is Internet safety? What are privacy settings? Why could social media be harmful? How would advise someone to stay safe online? What is a troll? How could social media affect our daily lives? Internet Safety week in February.</p> <p><b>Key Skills and knowledge:</b></p>	<p><b>Topic:</b> Using Word</p> <p>Opening a MSWord doc.</p> <p>Writing a letter. This could be in reply to one received as a class.</p> <p><b>Key Questions:</b> What does a letter look like? Why? What features are in a letter? How can I align text to the left or right? How do I start a new line or paragraph? How can you change the font? What does the save button look like?</p>	<p><b>Topic:</b> PowerPoint</p> <p>Sheffield SEND Computing SOW- Unit 2F Suggested Activities 11&amp;12</p> <p>Topic of teacher choice.</p> <p><b>Suggested Key Questions:</b> How can you change the background slides? How do import an image? How to select the right image – pixel size? Make adjustments, crop and remove background? editing</p>	<p><b>Topic:</b> Digital Art</p> <p>Sheffield SEND Computing SOW- Unit 2A. See progression in unit-lead on from last year.</p> <p><b>Mouse fine-motor and clicking skill to colour or paint.</b></p> <p><b>Key Questions:</b> What is art? What can it look like? Can you make art on a computer? Can you click to pick a colour for a picture? (coloring4all.com)</p>

	<p><b>Key skills and knowledge:</b></p> <ul style="list-style-type: none"> <li>-Explore technology e.g. camera</li> <li>- Operate a digital device with support e.g. take a photograph using a tablet or camera</li> <li>- Demonstrate a preference for a photo from a selection</li> <li>-Choose media to convey information, e.g. a photo of a person</li> </ul>	<p><b>Key skills and knowledge:</b></p> <p>Understand algorithms as a set of instructions. Understand and discuss what programming is. Understand how to programme something. Understand why programming is important. Develop programming skills. Use logic and reasoning to predict what a programme will do when finished.</p>	<p>Will demonstrate understanding that some websites that are good for them to visit &amp; some sites are inappropriate. Will explain what is meant by the term cyber-bullying</p> <p>Know that if they put information online it leaves a digital footprint or "trail" &amp; they need to manage it, so it is not hurtful.</p> <p>Will confidently discuss with support criteria for rating informational websites a site.</p>	<p><b>Key Skills and knowledge:</b></p> <p>Typing given words using correct hand placement. Fine motor mouse skills. Formatting and aligning text. Spacing out paragraphs. Right clicking copy and paste. Begin to understand that there are online tools that can help them create and communicate.</p>	<p>How can you change the font/ add word art? What are your interests? What do you like best about school? What is important to you?</p> <p><b>Key skills and knowledge:</b></p> <p>Add text and images to a template document using an image &amp; word bank</p> <p>Recognise uses of technology in their homes and in their community.</p> <p>Understand that there are online tools that can help them create and communicate.</p>	<p>Can you paint with a digital brush using a mouse or a touch screen?</p> <p><b>Key skills and knowledge:</b></p> <ul style="list-style-type: none"> <li>- Explore technology, e.g. an art package.</li> <li>- Demonstrate a preference for an image from a selection.</li> <li>- Create simple digital content e.g. create an image in an art package.</li> <li>- Select basic options in a familiar application to create artwork, e.g. colour of pen.</li> <li>- Select basic options in a familiar application to change appearance of media, e.g. font size, pen style</li> </ul>
<p><b>Links to Gatsby Benchmarks:</b></p>	<p>4. Linking curriculum learning to careers.</p> <p>Photography Digital design Web designer Magazine layout designer Typographer</p>	<p>4. Linking curriculum learning to careers</p> <p>Animator Digital artist coder Digital illustrator Web designer</p>	<p>4. Linking curriculum learning to careers.</p> <p>Skills needed to keep safe online. Working in an office-based environment.</p>	<p>4. Linking curriculum learning to careers.</p> <p>Word processing.</p> <p>Web designer Magazine layout designer Advertising director Typographer</p>	<p>4. Linking curriculum learning to careers</p> <p>Animator</p> <p>Digital artist</p> <p>Digital illustrator</p> <p>Web designer</p>	<p>4. Linking curriculum learning to careers.</p> <p>Illustrator Artist Animator Digital design Web designer Magazine layout designer Typographer</p>

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Year 9	<p><b>Topic:</b> Recording and playing sounds.</p> <p>Sheffield SEND Computing SOW- Unit 2B</p> <p><b>Suggested Key Questions:</b></p> <p>What devices make sounds? When would I want to listen to sounds or music?</p>	<p><b>Topic:</b> Using Word</p> <p>Opening and creating MSWord doc.</p> <p><b>Writing an information page about a job of their choice, to include pictures as well.</b></p> <p><b>Key Questions:</b></p> <p>What jobs do I know? What jobs would I like to do?</p>	<p><b>Topic:</b> Online Safety –</p> <p>Play like share (CEOP)</p> <p><b>Suggested Key Questions:</b></p> <p>What is Internet safety? What are privacy settings? Why could social media be harmful? How would advise someone to stay safe online? What is a troll?</p>	<p><b>Topic:</b> PowerPoint</p> <p>Sheffield SEND Computing SOW- Unit 2F</p> <p><b>Suggested Activities see unit.</b></p> <p>Topic of teacher choice.</p> <p><b>Suggested Key Questions:</b></p> <p>How can you change the background slides?</p>	<p><b>Topic:</b> Digital Communication</p> <p>Sheffield SEND Computing SOW- Unit 1EXT: Key Skills For Work. <b>Suggested Activities 3,5,8.</b></p> <p><b>Suggested Key Questions:</b></p> <p>How do we communicate online?</p>	<p><b>Topic:</b> Digital Art</p> <p>Sheffield SEND Computing SOW- Unit 2A. <b>See progression in unit-lead on from last year.</b></p> <p><b>Mouse fine-motor and clicking skill to colour or paint.</b></p> <p><b>Key Questions:</b></p> <p>What is art? What can it look like?</p>

	<p>Can I stop and restart sounds/music? Can I pick music or sounds from a list? What is a microphone? Can I record my voice and play it back?</p> <p><b>Key Skills and knowledge:</b></p> <ul style="list-style-type: none"> <li>- Explore technology e.g. music-making software and apps</li> <li>- Use technology to explore and access digital content e.g. press a switch to play music</li> <li>- Demonstrate a preference for digital content from a selection, e.g. choose music or sound to play</li> <li>- Create simple digital content e.g. play music using an app or software</li> <li>- Know that you can control multimedia content, e.g. stop and start music using a switch</li> <li>- Operate a digital device independently to fulfil a task, e.g. choose and open an app to play music</li> <li>-Present information using appropriate software, e.g. record audio or sound effects</li> </ul>	<p>How can I search for image or information about certain jobs. How can I align text to the left or right? How do I start a new line or paragraph? How can you change the font? What does the save button look like?</p> <p><b>Key Skills and knowledge:</b></p> <p>Typing given words using correct hand placement. Fine motor mouse skills. Formatting and aligning text. Spacing out paragraphs. Right clicking copy and paste. Begin to understand that there are online tools that can help them create and communicate.</p>	<p>How could social media affect our daily lives? Internet Safety week in February.</p> <p><b>Key Skills and knowledge:</b></p> <p>Will demonstrate understanding that some websites that are good for them to visit &amp; some sites are inappropriate. Will explain what is meant by the term cyber-bullying</p> <p>Know that if they put information online it leaves a digital footprint or "trail" &amp; they need to manage it, so it is not hurtful.</p> <p>Will confidently discuss with support criteria for rating informational websites a site.</p>	<p>How do import an image? How to select the right image – pixel size? Make adjustments, crop and remove background? editing How can you change the font/ add word art? What are your interests? What do you like best about school? What is important to you?</p> <p><b>Key skills and knowledge:</b></p> <p>Add text and images to a template document using an image &amp; word bank</p> <p>Recognise uses of technology in their homes and in their community.</p> <p>Understand that there are online tools that can help them create and communicate.</p>	<p>How can we do this safely? What is an email? How do you write and then send an email? What can I check for emails. Is every email from someone I know? Why would strangers email me?</p> <p><b>Key skills and Knowledge:</b></p> <ul style="list-style-type: none"> <li>-Understand the ways and devices that we can use to communicate online.</li> <li>-Recognise the features of an email writing screen.</li> <li>-Recognise the areas of an email application.</li> <li>-How to check and read emails.</li> <li>-How to write and send an email.</li> <li>-How to spot a phishing email.</li> <li>-Dangers of junk emails.</li> </ul>	<p>Can you make art on a computer? Can you click to pick a colour for a picture? (coloring4all.com) Can you paint with a digital brush using a mouse or a touch screen?</p> <p><b>Key skills and knowledge:</b></p> <ul style="list-style-type: none"> <li>- Explore technology, e.g. an art package.</li> <li>- Demonstrate a preference for an image from a selection.</li> <li>- Create simple digital content e.g. create an image in an art package.</li> <li>- Select basic options in a familiar application to create artwork, e.g. colour of pen.</li> <li>- Select basic options in a familiar application to change appearance of media, e.g. font size, pen style</li> </ul>
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The SEND Scheme of work can be found here:  
[Sheffield SEND Computing SoW](#)

