

9V - Venture Curriculum - ICT/2 Lessons weekly

Year	2025 – 2026 Autumn 1 Unit 1	2025 – 2026 Autumn 2 Unit 2	2025 – 2026 Spring 1 Unit 3	2025 – 2026 Spring 2 Unit 4	2025 – 2026 Summer 1 Unit 5	2025 – 2026 Summer 2 Unit 6
	<p>Topic: Traditional Media (Newspapers) and magazine</p> <p>Use of Publisher, templates, and looking for images.</p> <p>Skill Focus: Understanding media conventions Using Publisher to create structured layouts Evaluating sources and content</p> <p>Suggested Activities: Explore newspaper front pages and identify features. Create a mock front page using a Publisher template. Add headlines, images, and captions. Compare traditional vs digital media. Discuss media bias and fake news. Peer review each other's layouts.</p> <p>Suggested Key Questions: What is traditional media? How has media changed? What impact do newspapers have?</p>	<p>Topic: electronics</p> <p>Recap algorithms and coding-leading into BBC Micro:bit projects.</p> <p>Skill Focus: Independent coding and debugging Integrating Micro:bit into simple circuits Applying programming to real-world tasks</p> <p>Suggested Activities: Recap algorithms and write a simple one. Program Micro:bit to show a reaction timer. Create a step counter using the accelerometer. Build a simple circuit using cable clips (if available). Design a toy or gadget using Micro:bit. Present their project idea to the class</p> <p>Suggested Key Questions: What is an algorithm? How does this link to coding or making a programme? Can you make a circuit? How does a circuit work? How do you programme a Microbit? Can you create a toy/game/robot?</p>	<p>Topic: Online safety social media</p> <p>Online safety- design of own safe social media platform. Powerpoint.</p> <p>Skill Focus: Understanding social media risks. Designing safe platforms Managing digital identity</p> <p>Suggested Activities: Discuss pros and cons of social media. Design a safe social media profile. Create a PowerPoint about privacy settings. Role-play how to respond to online bullying. Design a "safe platform" homepage. Create a digital safety guide for younger students</p> <p>Suggested Key Questions: What is E-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?</p>	<p>Topic: Introduction to Excel</p> <p>Sheffield SEND Computing SOW- Unit: ext- spreadsheets.</p> <p>Shown spreadsheets and Excel. Features of spreadsheets and cell grid references. Editing and entering data. Simple formula.</p> <p>Skill Focus: Understanding spreadsheets and data Entering, formatting, and analysing data Using simple formulas and charts</p> <p>Suggested Activities: Explore Excel interface and identify key features. Enter and format a simple data set (e.g. favourite foods). Use SUM and AVERAGE formulas. Create a bar chart or pie chart. Design a questionnaire and input results. Draw conclusions from their data</p> <p>Suggested Key Questions: What is a spreadsheet for?</p>	<p>Topic: Podcast</p> <p>Researching features of podcast online. Planning of a podcast and content.</p> <p>Skill Focus: Understanding podcast structure and purpose Planning content and scripting Exploring audio tools</p> <p>Suggested Activities: Listen to short podcast clips and identify features. Choose a topic and audience. Plan a podcast using a script template. Design a podcast logo or cover image. Practice reading with expression using a teleprompter. Record a short intro using iPad or microphone</p> <p>Suggested Key Questions: What is a podcast? Who listens to podcasts? What types of podcasts are there? What media is similar to a podcast? How does a podcast work? Can you plan and produce a podcast?</p>	<p>Topic: Podcast</p> <p>Rehearsal using a teleprompter online. Recording of podcast- use of Ipad. Creation of QR codes to link to podcast.</p> <p>Skill Focus: Recording and editing audio Publishing and sharing content Reflecting on performance</p> <p>Suggested Activities: Record podcast using iPad or laptop. Edit audio using simple software (e.g. Audacity, GarageBand). Add intro music or sound effects. Create a QR code linking to the podcast. Share podcast with peers or staff. Reflect on what went well and what to improve</p> <p>Suggested Key Questions: What is a podcast? Who listens to podcasts? What types of podcasts are there? What media is similar to a podcast? How does a podcast work? Can you plan and produce a podcast?</p>

	<p>How are they important? Do we still need newspapers? What does a newspaper look like? Why are conventions used?</p> <p>Key skills and knowledge: Developing creativity and design skills</p> <p>With minimal support can create own documents, adding text and images.</p> <p>With minimal support use an increasing variety of tools and effects in paint programs and talk about their choices</p> <p>Will understand there are a variety of sources of information and begin to recognise the differences.</p> <p>Develop understand the different types of content on websites and that some things may not be true or accurate.</p>	<p>Can you programme a Microbit and use it as part of a circuit?</p> <p>Key skills and knowledge: Independently explore outcomes when buttons are pressed in sequences on a robot</p> <p>Confidently explore software to create movement & patterns on a screen</p> <p>Develop further understanding to identify an algorithm to achieve a specific purpose</p> <p>Execute a program on a floor robot to achieve an algorithm</p> <p>Confidently use the word debug to correct any mistakes when programming a floor robot</p> <p>Will confidently predict what will happen for a short sequence of instructions in a program</p>	<p>Key Skills and Knowledge: Will demonstrate understanding that some websites that are good for them to visit & some sites are not inappropriate.</p> <p>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" & 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>Who might use them and why? What app might you use to make a spreadsheet? What are the important features of a spreadsheet? Why are they so useful? What is data?</p> <p>Key skills and knowledge: Know that we use computers to store information - Explain information shown in a simple chart, pictogram or spreadsheet NC3+ - Recognise the benefits of using a computer to create charts and databases - Design a questionnaire, collect a range of data and enter into a spreadsheet - Draw conclusions from information stored in a spreadsheet - Explain what a spreadsheet is and what it is used for - Use simple formulae in a spreadsheet to find out information from a set of data - Produce graphs from data in a spreadsheet</p>	<p>Key skills and knowledge: With minimal support explore the effects of sound and radio.</p> <p>With minimal support can create own documents, adding text and images.</p> <p>Show an understanding of the format of a podcast and use its features.</p> <p>Gain an understanding of how to record and edit.</p> <p>Develop ability to use editing software.</p>	<p>Key skills and knowledge: With minimal support explore the effects of sound and radio.</p> <p>With minimal support can create own documents, adding text and images.</p> <p>Show an understanding of the format of a podcast and use its features.</p> <p>Gain an understanding of how to record and edit.</p> <p>Develop ability to use editing software.</p>
Links to Gatsby Benchmarks:	<p>3. Linking to careers.</p> <p>Magazine layout designer</p> <p>Advertising director</p> <p>Typographer</p>	<p>3. Linking to careers.</p> <p>Animator</p> <p>Digital artist</p> <p>Digital illustrator</p>	<p>3. Linking to careers.</p> <p>Office environment. How to keep safe</p>	<p>3. Linking to careers</p> <p>Working in an office</p> <p>Finance</p> <p>Budgeting</p>	<p>3. Linking to careers.</p> <p>Television and film producer</p> <p>Camera operator video game design</p> <p>Youtube video creator</p> <p>Sound engineer</p>	<p>3. Linking to careers.</p> <p>Television and film producer</p> <p>Camera operator video game design</p> <p>Youtube video creator</p> <p>Advertising director</p> <p>Sound engineer</p>