

# 11N - Navigator Curriculum – Media & ICT/4 Lessons weekly 2025-2026

| Year | Autumn 1<br>Unit 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Autumn 2<br>Unit 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Spring 1<br>Unit 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Spring 2<br>Unit 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Summer 1<br>Unit 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Summer 2<br>Unit 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <p><b>Topic:</b><br/>Understanding IT Exam.</p> <p>Audience and Accessibility<br/>Collaborative Working<br/>The Purpose and Advantage of IT Applications<br/>eMail Software</p> <p><b>Suggested Key Questions:</b><br/>What is an audience?<br/>What is collaborative working?<br/>What is the purpose of IT?<br/>How does IT help us?<br/>Why does different software exist?</p> <p><b>Key Skills and Knowledge:</b><br/>Can support others and ask relative questions and consider how they</p> | <p><b>Topic:</b><br/>Understanding IT Exam.</p> <p>Security and safety when working online<br/>Strengths and Weaknesses of the presentation of information<br/>Handling and interpreting information in IT contexts<br/>Copyright licensing and patent issues<br/>The flow of information</p> <p><b>Suggested Key Questions:</b><br/>Why is online security and safety important?<br/>Why is the presentation of information important?<br/>What does interpreting data mean?<br/>What is copyright and patent?</p> | <p><b>Topic:</b><br/>Coursework Catch-up<br/>----Exam Catch-up</p> <p><b>Suggested Key Questions:</b><br/>Have you completed a poster?<br/>Have you created a DVD cover?<br/>Have you recorded the DVD design and make process?<br/>Have you made a logo and have evidence?<br/>Have you made a spreadsheet showing the running of a cinema?<br/>Have you completed the exam revision booklets?</p> <p><b>Key Skills and Knowledge:</b><br/>Understanding IT<br/>Understanding E-safety</p> | <p><b>Topic:</b><br/>Understanding IT Exam.</p> <p>Costs of IT Solutions<br/>Project Management and Target Setting<br/>Choosing the Right Tool for the Job<br/>Purposes and outcomes in ICT projects<br/>Acceptable Use Policies</p> <p><b>Suggested Key Questions:</b><br/>What are IT solutions?<br/>What is a SMART target?<br/>What software is appropriate for which task?<br/>What is an ICT project?<br/>What is an acceptable use policy and why is it important?</p> <p><b>Key Skills and Knowledge:</b></p> | <p><b>Topic:</b><br/>Robotics and morality</p> <p><b>Suggested Key Questions:</b><br/>What are your initial feelings about Robots?<br/>What are the advantages of using Robots?<br/>What are the disadvantages of using robots?<br/>What do you think of Alexa, advantages/disadvantages?<br/>What hand free technology are you aware of or used?<br/>Driverless cars, discuss<br/>Should robots have feelings? Why?<br/>What is AI?<br/>Chat GTP and other generators.</p> <p><b>Key Skills and knowledge:</b></p> | <p><b>Topic:</b><br/>Introduction to 3D printing and Computer Aided Design.</p> <p><b>AQA UAS 105357 Introduction to 3D printing.</b><br/><b>AQA UAS 117412 Design and Technology: 3D Modeling.</b></p> <p><b>Suggested Key Questions:</b><br/>What have you heard, or do you already know about 3D printing?<br/>What are the past and current uses of CAD?<br/>What are the past and current uses of 3D printing?<br/>What makes a good 3D print file- what preparations are needed?</p> <p><b>Key Skills and knowledge:</b></p> |

|                             |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | <p>will collect information.</p> <p>Collect data, generate graphs and charts to find answers with minimal support.</p> <p>Will independently save &amp; retrieve the data to show to others explaining their findings.</p> | <p><b>Key Skills and Knowledge:</b></p> <p>To independently understand and recognise there are a variety of sources of information and begin to recognise the differences.</p> <p>To clearly Understand the different types of content on websites and that some things may not be true or accurate and discuss with a peer</p> | <p>Understanding the purpose of IT</p> <p>Identifying audiences and accessibility</p> <p>Graphic Design</p> <p>Understanding how to create a spreadsheet</p> <p>Digital design</p> | <p>Will have clear understanding that if they put information online it leaves a digital footprint or "trail" &amp; they need to manage it so it's not hurtful.</p> <p>Will demonstrate clear understanding that keyword searching is an effective way to locate online information &amp; how to select keywords to produce the best search results.</p> <p>Confidently discuss criteria for rating informational websites a site, begin to explain why there are different ratings.</p> | <p>Can physically follow &amp; give each other instructions to move around</p> <p>Explore outcomes when buttons are pressed in sequences on a robot</p> <p>Identify an algorithm to achieve a specific purpose</p> <p>Program and upload HEX programs to a BBC Micro:bit.</p> <p>Predict what will happen for a short sequence of instructions in a program.</p> | <p>Understanding what CAD is.</p> <p>Understanding how 3D printing works.</p> <p>Safe operation of a 3D printer.</p> <p>Understanding of the increasing uses of 3D printing.</p> <p>Using/searching online libraries using keywords or other requirements.</p> <p>Selecting the correct file types for the correct use.</p> <p>Creating simple 3D objects in CAD software.</p> <p>Planning and sending a 3D print.</p> |
| Links to Gatsby Benchmarks: | 3. Working in office environment.                                                                                                                                                                                          | 3. YouTube Web designer<br>Advertising director                                                                                                                                                                                                                                                                                 | 3. Advertising director                                                                                                                                                            | 3. Working in office environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3. Linking to careers.<br>Animator                                                                                                                                                                                                                                                                                                                               | Linking to careers.<br>CAD<br>Engineering design                                                                                                                                                                                                                                                                                                                                                                       |

The SEND Scheme of work can be found here:  
[Sheffield SEND Computing SoW](#)