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

11N - **Navigator Curriculum** – *ICT/4 Lessons weekly*

Year	2026 – 2027 Autumn 1 Unit 1	2026 – 2027 Autumn 2 Unit 2	2026 – 2027 Spring 1 Unit 3	2026 – 2027 Spring 2 Unit 4	2026 – 2027 Summer 1 Unit 5	2026 – 2027 Summer 2 Unit 6
	Topic: **Coursework Catch-up** **----Check completion for submission of: Poster, Box Cover, film, game and cinema logos, cinema excel budget.** **THEN……** **Topic:** **Understanding IT Exam.** Audience and Accessibility Collaborative Working The Purpose and Advantage of IT Applications eMail Software **Suggested Key Questions:** What is an audience? What is collaborative working? What is the purpose of IT?	**Topic:** **Understanding IT Exam.** Security and safety when working online Strengths and Weaknesses of the presentation of information Handling and interpreting information in IT contexts Copyright licensing and patent issues The flow of information **Suggested Key Questions:** Why is online security and safety important? Why is the presentation of information important? What does interpreting data mean? What is copyright and patent?	**Topic:** **Understanding IT Exam.** Costs of IT Solutions Project Management and Target Setting Choosing the Right Tool for the Job Purposes and outcomes in ICT projects Acceptable Use Policies **Suggested Key Questions:** What are IT solutions? What is a SMART target? What software is appropriate for which task? What is an ICT project? What is an acceptable use policy and why is it important? **Key Skills and Knowledge:**	**Topic:** **Effective communications using remote systems.** Explore remote working and communication systems, including email, Microsoft Teams, workspace needs, time management, safe working and keeping information secure. Skill Focus: Remote communication systems; professional email and Teams use; workspace and time management; online safety and information security; following school/company guidelines **Suggested Key Questions:** What is remote working? What	**Topic:** **Robotics MicrobitV2.** **Suggested Key Questions:** What are your initial feelings about Robots? What are the advantages of using Robots? What are the disadvantages of using robots? What do you think of Alexa, advantages/disadvantages? What hand free technology are you aware of or used? Driverless cars, discuss Should robots have feelings? Why? What is AI? Chat GTP and other generators. **Key Skills and knowledge:**	**Topic:** **Introduction to 3D printing and Computer Aided Design.** AQA UAS 105357 Introduction to 3D printing. AQA UAS 117412 Design and Technology: 3D Modeling. **Suggested Key Questions:** What have you heard, or do you already know about 3D printing? What are the past and current uses of CAD? What are the past and current uses of 3D printing? What makes a good 3D print file- what preparations are needed? **Key Skills and knowledge:**

	How does IT help us? Why does different software exist? **Key Skills and Knowledge:** Can support others and ask relative questions and consider how they will collect information. Collect data, generate graphs and charts to find answers with minimal support. Will independently save & retrieve the data to show to others explaining their findings	**Key Skills and Knowledge:** To independently understand and recognise there are a variety of sources of information and begin to recognise the differences. 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	Will have clear understanding that if they put information online it leaves a digital footprint or "trail" & they need to manage it so it's not hurtful. Will demonstrate clear understanding that keyword searching is an effective way to locate online information & how to select keywords to produce the best search results. Confidently discuss criteria for rating informational websites a site, begin to explain why there are different ratings.	equipment is needed? Why is workspace important? How do we communicate professionally online? How do we keep information secure? **Key Skills and Knowledge:** Know what remote working is. Understand remote communication tools. Be able to use email and Teams appropriately. Be able to identify safe working practices and explain how to keep information secure.	Can physically follow & give each other instructions to move around Explore outcomes when buttons are pressed in sequences on a robot Identify an algorithm to achieve a specific purpose Program and upload HEX programs to a BBC Micro:bit. Predict what will happen for a short sequence of instructions in a program.	Understanding what CAD is. Understanding how 3D printing works. Safe operation of a 3D printer. Understanding of the increasing uses of 3D printing. Using/searching online libraries using keywords or other requirements. Selecting the correct file types for the correct use. Creating simple 3D objects in CAD software. Planning and sending a 3D print.
Links to Gatsby Benchmarks:	3.Advertising director 3. Working in office environment.	3. YouTube Web designer Advertising director	3. Working in office environment.	Remote worker, office administrator, customer service assistant, IT support assistant, digital communications assistant.	3. Linking to careers. Animator	Linking to careers. CAD Engineering design