Ste Thomas Whashan Shroy	INVEST in the power of the written word	EXPERIENCE a range of cultures, histories and beliefs	EXPLORE the shared values of civilisation	SHAPE society and our place within it	GROW as instinctive readers, writers and orators	PURSUE English beyond the classroom	
	in the power of the wither word	a lange of collules, histories and beliefs			as institictive readers, whiers and ordiois	English beyond the classicom	
Cubic at	Curriculum Sequencing Grid 2025-2026 Subject Computer Studies Year 8						
Subject		rm 1	Terr		Term	3	
	HT1	HT2	HT3	HT4	HT5	HT6	
	1. IT Around Us	3. Bebras UK				8. Makecode Arcade	
Component	2. i DEA	4. Databases	5. Graphics	6. Building a Business	7. HTML	2. iDEA	
Developing Cultural Capital	By equipping them with essential knowledge of opersecurity and networking, crucial in an increasingly digital society. By exploring topics like encryption, operatization, and social engineering, underline gain autenties of the potential threats in the digital world and form how to safeguard their personal and threat in the digital world and form how to safeguard their personal and firewalls, connects pupils to the foundational systems that power modern communication and commerce. Additional, by learning about historical enonyption techniques like the Clearst Cipher and Pigene Cipher, pupils develop an appreciation for the evolution of secure communication. The elsows also provide a gateway to career in operacurity and IT, fostering an undestanding of the valual red exchange global security and connectively. Through this knowledge, understand see better prepared for navigate and contribute to a sectional contribute of the schooling of the navigate and contribute to a sectional contribute of the schooling of the navigate and contribute to a sectional contribute to a sectional contribute the section of the schooling of the navigate and contribute to a sectional contribute to a sectional contribute the section of the schooling of the	By introducing them to database management, an essential skill in virtually all industries that rely on data. Learning about relational databases and tools like Microsoft Access holes skilderthing of the state of	By teaching them exsential skills in digital image creation and manipulation, widely applicable in fields such as papic design, marketing, and digital media. By understanding the differences between bilancy and evident images and the impact of compression on quality, students gain ringht into two professional designer. Such as the compression of the professional designer is considered to the professional designer in the compression of the professional designer in the profession	research, and risk analysis, providing a taster of K54 Business Studies. By learning how to identify a target audience, create a USP, and design markety generated in the state of the st	modern digital age. Understanding how to structure and style webpages using HTML and CSS introduces students to the building blocks of the internet, preparing them for potential careers in	By introducing them to the foundational concepts of game design and development, an industry that blends creativity with technical skill. By exploring tools like Makeckode Arcade and Ristonal Kazeskode suddensing particles despertence in pregramming and problem—solving while understanding the collaborative makes of game carbonal members of game carbonal states of a considerative structure of game carbonal states of a considerative structure of games, and the combines are unicomments tackets puglish low games are structured for engage players. These lessons also foster an appreciation for the interdisciplinary nature of gaming, which combines are misconsiderative to the structure of the problems of the structure of the structure of the problems of the structure	
Substantive Knowledge/ Disciplinary Knowledge	Socialistics Recoverage.  Socialistics Recoverage.  Socialistics Recoverage.  Socialistics Recoverage and Program Cipher  Identifying different types of operattacks, such as butle force attacks, such as force and the such as a such as such as a su	Judnets ruding what a database is and how it stores, organizes, and manages that electronically.  Definitions and purposes of key database components: fleds, records, primar leave, and brongs he seed to the components of the control of the contro	Jeltman jimages are composed of a grid of josels, with each pixel representing a proeffic coole . Cooler depth determines the range of colors in an image, measured in bits per pixel . Compression reduces image file size, with options for lossly distain removed or lossless (data retained) compression. When death of the colors of the co	Definitions of brand awareness and its importance in outsomer recognition and recall  1 Understanding business risk and business reward, including their impact on  decision-making in enterprenium-hip  1. The risk of a competitor and how business scompete for market share  1. The risk of a competitor are how business scompete for market shared  1. The difference between primary research (e.g., surveys and floors groups) are  1. The difference between primary research (e.g., surveys and floors groups)  1. Explanation of a USP (Unique Selling Point) as a key feature that differentiates  1. Production of a USP (Unique Selling Point) as a key feature that differentiates  1. In a product from product of  1. In a product for the product of  1. In a product for the product of  1. In a product for  1. In a product  1. In	» Definition and purpose of HTML (Hypertext Markup Language) for structuring web content and CSG (Excading Syke Desical) care from the CSG (Excading Syke Desical) care for the CSG (Excading Sy	Definitions of lav game design elements, such as parties, slemages, and scene design, and their role in game development.  The function of action buttons and directional buttons in controlling characters and managing gamegals.  **Countroloon times and score systems as features used to introduce challenges and track.  **Countroloon times and score systems as features used to introduce challenges and track.  **The rolo of a game engine in providing tools for physics, graphics, sound, and overall game development.  **Understanding hapitic feedback and its purpose in enhanding player immersion through tactile response.  **The concept of level design, including objectives, layouts, and challenges, to create engaging gamepsia.  **Designing membrane shall be advance like the Kötronik Arcade to create and test games buildings of the concept of bed games.  **Designing med animating syntries to represent characters and objects in 20 games.  **Pocking likenges to design game environments and arranging like for aesthetic and	
Cross Curricular Links	Computer Science	ІСТ	Media ICT	Business	Computer Science	Computer Science Games Development	
Vocabulary	Topic 1 Glossary  Topic 2 Glossary	Topic 3 Glossary Glossary	Topic 5 Glossary	Topic 6 Glossary	Topic 7 Glossary	Topic 8 Glossary Glossary	
Assessments	Topic 1 SPA	Topic 4 SPA Babras Online Test	Topic 4 SPA Topic 5 SPA	Topic 5 SPA	Topic 6 SPA	Topic 7 SPA Topic 8 SPA	