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	Year 7		Networks from Semaphores to the internet in this unit, pupils will explore the concept of protocols and computer networks, including how data is transmitted across wired and wireless connections. They will learn about key networking hardware, bandwidth, and the technologies that support internet connectivity. The unit also covers the structure and function of the internet, including protocols, packets, and addressing, and introduces the World Wide Web and its components. Pupils will reflect on how internet-connected devices and services impact their lives, particularly in the context of the internet of Things, and will develop an understanding of how digital systems work together to deliver online content.	Using media - Gaining Support for a Cause in this unit, pupils will develop their sidls in word processing and digital publishing. They will learn to format documents effectively, apply appropriate licensing and referencing techniques, and evaluate a the credibility of online sources. Pupils will select suitable content and images, understand plagiation, and construct a blog tailored to a impectific audient. The unit concludes with pupils applying at slids to organise and present content based on credible sources, with proper attribution.	sequences, v outcomes implement o designing	count-controlled iteration. The unit culminates in pupils independently	Modelling Data and Using Spreadsheets In this unit, pupils will develop their understanding of spread software by identifying key components such as cells, row, columns, and applying formatting techniques. They will learn basic formulas and functions to perform calculations, analyse and create charts. Pupils will explore data collection from prin secondary sources, apply sorting and filtering tools, and use a functions like COUNTF and IF. The unit concludes with pilos all skills to create well-structured spreadsheets using condit formatting and evaluating their work effectively.	o use subroi use con use con anced plying iteratic	Programming Essentials in Scratch Part 2 s unit, pulls will deepen their understanding of programming by exploring positions, decomposition, and different types of interation. They will learn to ndillion controlled loops, evaluate when to apply specific control structures, diversity with lists to manage related data. The unit culminates in pupils undertily applying appropriate construct—including suborduries, selection, on, and variables—to solve problems through structured program design.
,	ear 8	Media Vector Graphics in this unit, pupils will learn to create and manipulate vector graphics using a range of tools and techniques. They will draw and edit basic shapes, combine paths, and work with groups of objects to produce structured designs. Pupils will explore path editing and layering, apply design principles, and understand the purpose and use of vector graphics in real-world cortexts. The unit concludes with a summative assessment, peer feedback, and opportunities to refine their work based on evaluation.	Layers of Computing Systems In this unit, pupils will explore the structure and function of computing systems, distinguishing between general-purpose and purpose-built devices. They will learn how had varied components and purpose-built devices. They will learn how had worked to governing systems work together to execute programs, and how logic circuts underpin computing processes. Pupils will also investigate artificial intelligence and machine learning, including how these technologies are trained, used in real-world contexts, and the ethical implications they raise. The unit concludes with reflection on the impact of sharing code and the broader role of connectivity in modern computing.	In this unit, pupils will design and develop interactive applications using both in this unit, pupils will design and develop interactive applications. Using both in this unit, pupils will design and develop interactive applications using both in this unit, pupils will design and develop interactive applications using both in this unit, pupils will design and develop interactive applications using both and 2S. They will explore the use of tags, indice skipling, and external skylesheets, and apply there skibs to build multi-apple webbates with maging and hyperitorial processed in computing systems. They will illepton event-driven and both chased programming environments. They will implement and apply them skibs to build multi-apple webbates with maging and hyperitorial processed in computing systems. They will lemplate and supply the skibs to build multi-apply exhemits. Pupil will enhance and apply them skibs to build multi-apply exhemits. Pupils will about his unit, pupils will design and develop interactive applications using both event-driven and both chased programming environments. They will implement and pupil the skibs build multi-apply exhemits. Pupil will explore the unit conducted with a command or and pupil demonstrative and strength and pupil demonstrative and such apply demonstrative and pupil very pupils will explore the very pupils will explore the very exhemitative and supply the skibs to build multi-apply exhemits. Pupil will explore the very exhemitative and pupil very exh					variables, input, and output, and understand the difference between algorithms and programs. Pupils will explore arithmetic operations, consists of the constitution o
,	ear 9	Python Programming with Sequences of Data in this unit, pupils will build on their Python programming skills by working with lists and strings. They will learn to create, access, and manipulse list items and string characters, and use election and tereation to corror program flow. Pupils will apply arithmetic operations, use variables to track values, and combine key programming features to solve meaningful problems. The unit concludes with pupils applying all skills to develop and evaluate complete programs.	Media Animations In this unit, pupils will learn the fundamentals of 3D modelling and animation. They will create and manipulate objects using tools such as scaling, rotation, extrusion, and proportional editing. Pupils will apply materials and colours, use leyframes to animate models, and group objects using parenting. They will explore lighting, camera setup, and rendering techniques, culminating in the reaction of a short animated sequence that demonstrates their undestanding of modelling, animation, and presentation.	In this unit, pupils will explore the principles of data science, including from be visualised to identify patterns, trends, and outliers. They will lear appropriate took to analyse large data sets, apply the investigative cyrulate findings to support predictions and recommendations. Pupils create data capture forms, cleanse data, and reflect on the credibility of the unit concludes with pupils dawing conclusions from visualisator reporting their findings clearly.	ern to use ocle, and will also if sources. ins and	Representations - Going Visual In this unit, pupils will exporter how digital images and sounds are rep- using binary data. They will learn key terms such as pixels, resolution depth, sampling rate, and sample size, and calculate representation six mages and such. Deptils will examine the trade-offs between quality ar apply editing techniques using appropriate software, and understand implications of digital amaipulation. The unit concludes with an introd compression and alternative methods of representing media in digital	orcesented of color of the things of the thi	otecting person ection Act and ndle user data. ing human erro te strategies to tifying effective	Interact with the micro bit's input and output devices, including wireless communication and GPIO pins. Pupils will design purposeful computing projects, apply decomposition to break down computing projects, apply decomposition to break down the unctionality, and implement their designs while refining their plans. The unit concludes with pupils creating and evaluating a physical