Curriculum Plan	Subject	*Networks: from semaphores to the Internet*	*Year*	9

	W/C 22th February	W/C 1st March	W/C 8th March	W/C 15th March	W/C 22nd March	W/C 29th March
How you will access home learning	Look at Satchel One for the lessons. All presentations and worksheets will be made available through both Satchel One and MS TEAMS using the team created for that IT group. Please look under the section entitled Files > Class materials. Students will be directed to complete a worksheet with practical tasks from the Oak Academy online.					
How you be able to interact with your teacher and gain feedback on your work	Satchel One and MS TEAMS will provide a medium for the distribution of materials and students can post further questions in the chat on the general channel but email should be used as the means of contacting the teacher directly for questions. Feedback on work is given through Satchel One.					
Retrieval Focus How we will help you to recall previously learnt knowledge	The unit will be a new one. The unit will follow the lessons provided by the Oak Academy online. From lesson two there will be introductory quizzes which will retrieve knowledge from previous lessons. Assessment quizzes will be used in MS TEAMS and links will be shared through both Satchel One and MS Teams. The submission of worksheets to support and encourage students will be made available in Satchel One.					

New Learning	What you will be learning about this week	This is a theoretical unit covering the basic principles and architecture of local and wide area networks. Pupils will learn that the World Wide Web is part of the Internet, and how web addresses are constructed and stored as IP addresses. Client-server, peer-to-peer networks and the concept of cloud computing are all described. Ways of keeping data secure and simple encryption techniques are also covered. This unit will form very good preparation on the topic of networks at GCSE level. At the end of this Unit all pupils should be able to: • State that the Internet is a wide area network and the world wide web is part of the Internet • Define the meaning of the terms "domain name", http protocol • Explain the basic principle of packet switching • Give examples of LANs and WANs • State three different network topologies • Describe what is meant by a client-server network and state some of its advantages • State why some transmissions are encrypted, and use a simple algorithm to encrypt and decrypt a message
	How we will teach you the new knowledge or ideas	Students will be taught through; • Satchel One and MS TEAMS. • Introductory quizzes • Video modelling tasks • Worksheets • Practical tasks • Low stakes knowledge exit assignment quizzes

	Activities that will help you learn and practice what you've been taught	Pupils will put evidence of their work into a PowerPoint based worksheet and submit this through Satchel One for assessment. They will also answer questions what they have learnt each lesson on an exit assignment quiz in MS TEAMS in order to demonstrate understanding. Regular teacher assessment, including questioning and observation, will be used in lessons in order to reinforce the evidence of understanding in the Assessment Portfolio.
	What you can do if you're stuck	Firstly if a student is stuck on something in one of the lessons on the unit they should review the content as the directions to answers are always provided. If students are still struggling then students can contact the teacher through email, or MS TEAMS.
Checking in How we will check in with you to support you with your remote learning		Satchel One and MS TEAMS allows teachers to see progress on the worksheets and screen grabs of the practical tasks. We also use the submission feature of Satchel One for students to submit worksheets and update their teacher on their progress through each section. If no progress is shown in either location first contact is to be made through email to student and HoY.