

Wider Reading

What is wider reading and how will it stretch and challenge you? [What does 'wider reading' mean? : Unifrog Blog](#)

Subject: Computer Science and Enterprise

Year 7		
Half term	Topic	Text
1	Online safety	Online safety - BBC Teach What is Online Safety? (nationalonlinesafety.com) iDEA: Develop digital, enterprise and employability skills for free. Win career-enhancing badges and gain internationally recognised awards.
2	Flowcharts	Flowcharts in Programming - Applications & Best Practices (zenflowchart.com) Flowchart in programming: Definition, Examples and best programs (wondershare.com) What's a Program Flowchart? - Definition & Examples (edrawsoft.com)
3	Bitmap Graphics	Bitmap Definition (techterms.com) What is Bitmap? (tutorialspoint.com) What is Bitmap and When to Use Bitmap in Your Design (wondershare.com)
4	IDEA badges	iDEA: Develop digital, enterprise and employability skills for free. Win career-enhancing badges and gain internationally recognised awards. Online safety - BBC Teach What is Online Safety? (nationalonlinesafety.com)
5	Hardware and Binary	Understanding Binary Numbers for Beginners (steves-internet-guide.com) Understanding Binary. An Introduction to the 0s and 1s by Chase Nerd For Tech Medium What is Computer Hardware? Crucial.com
6	Microbit Challenges	Micro:bit Educational Foundation micro:bit (microbit.org) Let's code micro:bit (microbit.org) micro:bit classroom (microbit.org) microbits - Bing video

Year 8		
Half term	Topic	Text
1	Cyber Security Internet history	iDEA: Develop digital, enterprise and employability skills for free. Win career-enhancing badges and gain internationally recognised awards. What is Cybersecurity? IBM cybersecurity - Bing video A short history of the internet National Science and Media Museum A Brief History of the Internet - Internet Society What is the Internet Protocol? Cloudflare

2	Pixel Art	Pixilart - Free online pixel art drawing tool How to make pixel art Adobe What is a Pixel? - Definition from Techopedia
3	Edublocks and Python	EduBlocks Replit: the collaborative browser based IDE - Replit Welcome to Python.org
4	Key features of programming	Welcome to Python.org EduBlocks Replit: the collaborative browser based IDE - Replit Programming Concepts for Beginners (devopedia.org) Basic Programming Concepts for Beginners - CodeProject
5	HTML	Replit: the collaborative browser based IDE - Replit HTML Tutorial (w3schools.com) HTML For Beginners The Easy Way: Start Learning HTML & CSS Today » What Is HTML? Hypertext Markup Language Basics for Beginners (hostinger.com)
6	Microbits and robotics	Micro:bit Educational Foundation micro:bit (microbit.org) Let's code micro:bit (microbit.org) micro:bit classroom (microbit.org) microbits - Bing video

Year 9

Half term	Topic	Text
1	Data representation	Understanding Binary Numbers for Beginners (steves-internet-guide.com) Data Representation in Computer Organization - javatpoint What is Binary? (computerhope.com)
2	Blender	Animation for Beginners: The Ultimate Get Started-Guide in 2022 (academyofanimatedart.com) Training - Blender Studio What Are The Main Features Of The Blender Software? – blender base camp
3	Python Programming	Welcome to Python.org EduBlocks Replit: the collaborative browser based IDE - Replit Programming Concepts for Beginners (devopedia.org) Basic Programming Concepts for Beginners - CodeProject
4	History of computing	history of computing - Bing video History of computers: A brief timeline Live Science A Complete History of Computers: From the 1800s to Now (g2.com)
5	Cybersecurity	IDEA: Develop digital, enterprise and employability skills for free. Win career-enhancing badges and gain internationally recognised awards. What is Cybersecurity? IBM cybersecurity - Bing video
6	Minecraft EDU	Minecraft Official Site Minecraft Education Edition MinecraftEdu - YouTube What Is Minecraft: Education Edition? MinecraftEdu, Explained - Ask.com

Half Term	Year 10 and 11	
	Topic	Text
1	CS Primary storage ENT Market Research	GCSE - BBC Bitesize Craig 'n' Dave Students (craigndave.org) Computer Storage Structure (tutorialspoint.com) Researching the Market: How to Conduct Market Research, Types, and Example (investopedia.com) Market Research: What it Is, Methods, Types & Examples QuestionPro What is market research? - Market research - Higher Business management Revision - BBC Bitesize
2	CS The need for secondary storage ENT Segmentation	GCSE - BBC Bitesize Craig 'n' Dave Students (craigndave.org) Secondary Storage: Definition, Technology & Devices - Video & Lesson Transcript Study.com Identifying market segments - Market segmentation - Edexcel - GCSE Business Revision - Edexcel - BBC Bitesize Market mapping - Market segmentation - Edexcel - GCSE Business Revision - Edexcel - BBC Bitesize market segmentation bbc bitesize - Bing video
3	CS Types of secondary storage ENT Design mix	GCSE - BBC Bitesize Craig 'n' Dave Students (craigndave.org) What is a Secondary Storage Device? (computerhope.com) The Design Mix - Infinityflame Function, aesthetics and cost - Product - Edexcel - GCSE Business Revision - Edexcel - BBC Bitesize Product design Business tutor2u
4	CS Data representation ENT Finance	GCSE - BBC Bitesize Craig 'n' Dave Students (craigndave.org) Data Representation in Computer Organization - javatpoint What is Binary? (computerhope.com) Break-Even Analysis: Definition and How to Calculate and Use It (investopedia.com) break even analysis - Bing video Finance - GCSE Business Revision - AQA - BBC Bitesize
5	CS Hexadecimal ENT Proposal	GCSE - BBC Bitesize Craig 'n' Dave Students (craigndave.org) What is Hexadecimal Numbers System? Table, Conversions, Examples (byjus.com) How To Write a Business Proposal in 2022 (With Examples) Indeed.com What is a Business Proposal? Definition, Types, and Examples - Better Proposals
6	CS Representing sound ENT Entrepreneurs	GCSE - BBC Bitesize Craig 'n' Dave Students (craigndave.org) Binary Representation of Sound - teachComputing (teachwithict.com) Entrepreneur: What It Means to Be One and How to Get Started (investopedia.com) The 10 Greatest Entrepreneurs (investopedia.com)
	CS Representing Images	GCSE - BBC Bitesize Craig 'n' Dave Students (craigndave.org) How Is Image Represented In A Computer? Knologist

**A-Level/Further
Education wider reading**