

THE HIGHEST STANDARDS

Always set and deliver the highest standards: never settle for less.

INVEST TO ACHIEVE

Care about the now; create the very best for your future.

EVERYONE IS VALUED

We are unique individuals working together to be the best.

NO EXCUSES

Create solutions, not excuses.

NEVER GIVE UP

Resilience is essential; self-belief drives improvement.

CULTIVATE YOUR CHARACTER

Qualifications open doors; your character gets you through them.

Computer Studies | Year 8 | 2023-2024

	Week 0	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
Half Term 1		Encryption - Code Breaking Introduction		Encryption - Using Code Breaking to find solutions		Encryption - Murder Mystery		End of Unit Assessment	Holiday
Half Term 2	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Holiday
	Databases - Basics and Queries		Databases - Sherlock Holmes		Databases - Top Trumps		End of Unit Assessment		
Half Term 3	Week 16	Week 17	Week 18 - LC1	Week 19	Week 20	Holiday			
	Image Representation - Bitmap Images		Image Representation - Planning The Graphics Project		End of Unit Assessment				
Half Term 4	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Holiday		
	HTML - Introduction		HTML - Creating a single webpage 'All About Me'		Mini Assessment SPA/CTG on HTML				
Half Term 5	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Holiday		
	HTML - Creating a multiple page website for Yorkshire Wildlife Park				End of Unit Assessment				
Half Term 6	Week 33	Week 34 - LC2	Week 35	Week 36	Week 37	Week 38	Week 39		
	MakeCode Arcade - Introduction to MakeCode Arcade		MakeCode Arcade - Game Design		End of Unit Assessment		iDEA - Celebration		

How does this year deliver your curriculum intent?

In Y8, our pupils continue to develop their online safety, but with a focus on more technical cybersecurity elements. Pupils begin the year by learning about encryption and codebreaking, and developing their computational thinking skills. Students look at how information can be stored and searched through the use of a Database, whilst developing their computing skills working with Databases, integral software in businesses. This curriculum is intended to give pupils a chance to experience both Computer Science and ICT in preparation for options in Y9, as well as ensuring that pupils are studying a broad range of topics which will be useful in later life. In HT3, students will begin a digital design unit, then a website development unit too. These skills will prepare the students for the rigour of IT at KS4 and KS5. The final unit of the year embeds Computer Science programming skills in an engaging way, as students will make a game to download onto handheld gaming devices.