

Holy Family Catholic School Curriculum Overview Year 11 –

Digital IT (BTEC)



	Curriculum Content	Suggested Reading or Extension Activities
Half Term 1 (Sept-Oct)	Learning Aim B- Cyber security Learning Aim C- The wider implications of digital systems	Research into sub-topics and attempt knowitallninja online test
Half Term 2 (Nov-Dec)	Learning Aim D- Planning and communication in digital systems Mock Exams Interventions	Research into sub-topics and attempt knowitallninja online test
Half Term 3 (Jan-Feb)	Public Exam (Sitting in Jan)	Research into sub-topics and attempt knowitallninja online test
Half Term 4 (Feb-Mar)	Public Exam (Resit)	Revise using past papers and online resources via Knowitallninja.
Half Term 5 (Apr-May)	Public Exam (Resit)	Revise using past papers and online resources via Knowitallninja.
Half Term 6 (Jun-Jul)		

Examples of Home Learning Tasks	https://Knowitallninja.com Component 3 revision videos
Assessment Tasks, Methods & Frequency	Component 3: exam will be in January and re-sit opportunity in May. End of the unit test will be conducted covering all 27 sub-topics.
Equipment that Students Need	None needed. All provided within the department.

Parent / Carers can help their child by:	Signing up to Google Guardian and checking their Google Guardian account and reminding their child with any upcoming homework/assignment deadlines.
Useful Websites	https://www.knowitallninja.com
Extra-Curricular Activities & Career Opportunities	Coding club offered to the year group and STEM club opportunity. Trips to Computing Museum/Bletchley Park Outside speakers arranged from ADA college to discuss apprenticeship opportunities and Digital careers

Who Can I Contact?	Head of Computing & IT	Mrs Belgrave
	Teachers of Year 11 Digital IT	Mr Heskey

Holy Family Catholic School Curriculum Overview Year 12 – Computer Science (A-Level)



	Curriculum Content	Suggested Reading or Extension Activities
Half Term 1 (Sept-Oct)	- Structure and Function of Processor - Types of Processor - Thinking Ahead	Completing homework assignments via Isaac Computer Science and on Google Classroom
Half Term 2 (Nov-Dec)	- Input, Output and storage - Thinking Abstractly	Completing homework assignments via Isaac Computer Science and on Google Classroom
Half Term 3 (Jan-Feb)	- Operating Systems - Applications Generation - Thinking Procedurally - Thinking Logically	Completing homework assignments via Isaac Computer Science and on Google Classroom
Half Term 4 (Feb-Mar)	- Introduction to Programing - Databases - Networks - Web Technologies	Completing homework assignments via Isaac Computer Science and on Google Classroom
Half Term 5 (Apr-May)	- Data Types - Data Structures - Boolean Algebra - Thinking Logically - Programming Techniques	Completing homework assignments via Isaac Computer Science and on Google Classroom
Half Term 6 (Jun-Jul)	- Computing Related Legislation - Ethic, moral and cultural issues - Software Development - Algorithms	Completing homework assignments via Isaac Computer Science and on Google Classroom

Examples of Home Learning Tasks	https://Knowitallninja.com , https://issacomputerscience.com , https://edpuzzle.com , https://quizziz.com , https://bbc.co.uk/bitesize , https://senecalearning.com , https://smartrevise.online/
Assessment Tasks, Methods & Frequency	End of topic assessment, extensive use of formative assessments. Mock Exams
Equipment that Students Need	None needed. All provided within the department.

Parent / Carers can help their child by:	Signing up to Google Guardian and checking their Google Guardian account and reminding their child with any upcoming homework deadlines.
Useful Websites	https://Knowitallninja.com , https://issacomputerscience.com , https://edpuzzle.com , https://quizziz.com , https://bbc.co.uk/bitesize , https://senecalearning.com , https://smartrevise.online/
Extra-Curricular Activities & Career Opportunities	Coding club offered to the year group and STEM club opportunity. Trips to Computing Museum/Bletchley Park

Who Can I Contact?	Head of Computing & IT	Mrs Belgrave
	Teachers of Year 12 Computing	Mr Wynter