

Information Technology (IT)

KS3

Computer Science

At KS3 all students participate in projects that provide a solid and practical introduction to Computing and Computer Science. We investigate what computer systems are, how they work and what their role is in today's world. The work ensures students understand the importance of appropriate and safe use of digital technology.

Students learn how to plan, develop, code and test programs using a range of programming techniques and coding languages. Projects include games design with Scratch. In addition, students learn about the Online World and the nature of the internet.

IT Functional Skills Level 1 & 2

Functional skills in IT, focus on teaching learners how to apply these skills in everyday contexts and situations. For example, there is more emphasis on computer applications such as Microsoft Word, Publisher, Powerpoint and Excel to help pupils in applying and transferring those skills in everyday situations.

Literacy and Communication

Within the IT Functional Skills course, Literacy and Communication cover a variety of skills, including drafting emails, presenting ideas, editing, spelling and punctuation. It also covers the 'spoken language' component of the National Curriculum.

Monitoring progress

Progress in IT is monitored using a range of formative and summative assessment methods to check student progress. Each individually taught unit is assessed to allow teaching staff to offer effective and targeted intervention and ensure all students make the progress we feel they are capable of. Progress is reported through termly reports, but parents are welcome to contact the school directly for a more detailed discussion about progress at any time throughout the academic year.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6 -7	<ul style="list-style-type: none">E-Safety, Security and EthicsUnderstanding Computers	<ul style="list-style-type: none">Functional SkillsEmailingword	<ul style="list-style-type: none">ProgrammingCollaborative Projects	<ul style="list-style-type: none">Functional SkillsExcelPowerpoint	<ul style="list-style-type: none">ProgrammingDigital Creativity	<ul style="list-style-type: none">Functional SkillsCollaborative Projects
Year 8 - 9	<ul style="list-style-type: none">E-Safety, Security and EthicsUnderstanding Computers	<ul style="list-style-type: none">Functional SkillsPowerpointPublisher	<ul style="list-style-type: none">ProgrammingCollaborative Projects	<ul style="list-style-type: none">Functional SkillsExcelInternet Search	<ul style="list-style-type: none">ProgrammingDigital Creativity	<ul style="list-style-type: none">Functional SkillsCollaborative Projects