



ICT KS3

Year 7 **ICT & Computer Science** **Topics Covered**

Autumn Leventhorpe School Systems & E-Safety, Introduction to Computer Systems

Spring Designing Algorithms, Introduction to Programming (Small Basic)

Summer Programming Techniques (Small Basic)

Year 8 **ICT & Computer Science** **Topics Covered**

Autumn Designing and Developing Digital Media

Spring Designing Computer Programs (Small Basic), Control Systems

Summer Python programming, computing theory, flash animation

Year 9 **Creative iMedia** **Topics Covered**

Autumn Pre-production Skills and Video Development

Spring Digital Graphics (Adobe Photoshop)

Summer Developing Digital Projects

Year 9 **Computer Science** **Topics Covered**

Autumn Programming Techniques (Visual Basic), Algorithms and Problem Solving, Encryption and Ciphers

Spring Visual Programming (Visual Basic), PC Components

Summer Data Structures (Visual Basic), Programming Project





Ways in which parents can support their children

- Check they have completed their homework using ShowMyHomework
- Provide support when preparing for an exam or assessment
- Speak to your child's teacher with any concerns or questions you may have
- Encourage the use of digital learning (researching using the Internet, reading e-books, developing ICT and Computing skills)
- Install any free software required on your home computer so your child can extend their learning at home (please speak to your child's teacher for a list of software)

