

Key Stage 3



TO LEARN TO ACHIEVE

COMPUTING



Contact

Please do not hesitate to contact us if you would like to find out more information on Computing or Information Technology at Bosworth Academy using the contact information below:

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KEY STAGE 3 COMPUTING

WHAT WILL I STUDY?

At Bosworth Academy we believe that students need to be confident users and creators of ICT. This means that you will develop skills in using digital applications but also an understanding of how computers work and how to program them. We will give you opportunities to experience what it will be like to study various pathways on offer including Computer Science, Creative iMedia and Business, all whilst helping you develop core ICT skills.

WHAT WILL I COVER?

- Internet safety
- Health and Safety issues surrounding ICT use
- Hardware (Input, Output and Storage devices)
- The language of computers (binary number system)
- Binary logic
- Data representation
- Graphic design
- Computational thinking
- Cryptography
- Algorithms
- Programming
- Website design and creation
- Business principles and application
- Using Microsoft Office Applications

WHY IS THIS SUBJECT IMPORTANT?

You are growing up in a world where the pace of development in technology is rapidly changing the way businesses operate, not just in terms of how they produce their products and how they provide their services, but also how they allow people to work. Understanding basic business principles will give you an insight into how you could create your own business in the future whilst understanding how technology is created and works will give you the skills needed to work within those businesses.