

INFORMATION AND COMMUNICATIONS TECHNOLOGY

Equipping learners for the skills needed tomorrow
“95% of Year 11 students achieved a grade C or higher in ICT” August 2011

Learning Aims

- All learners use ICT with confidence, enjoyment and a sense of achievement.
- All learners are taught about Internet and ICT safety and can confidently advise other learners.
- All learners develop practical skills in the use of ICT and the ability to apply these skills to solving problems.
- All learners understand the capabilities and limitations of ICT and the implications and consequences of its use.
- All learners improve their ability to learn new products, both software and hardware.
- The local community benefit from new investment in Technology through extended learning programmes.

Learning Resources

Internet Security: At Tanbridge House we operate a high level security to protect student internet use; West Sussex LEA Firewall, Tanbridge Internal ISA server, Securus monitoring software and dedicated classroom control software all help to protect our ICT users.

Virtual Learning Environment: Students can learn anytime any place through our Moodle. This has been totally redesigned with specific learning resources to support all learners.
<http://vle.ths.uk.net/>

Hardware and Software:

- 444 network curriculum computers.
- Windows XP operating system.
- Advanced Virtual Learning Environment
- 40 Interactive whiteboards.
- 10 mb link to the Internet.
- 5 Industry standard servers running Windows 2008.
- ICT Zone for Community Use.
- New PCs for MFL, Design Technology & Library .
- Microsoft Office 2010
- Full Adobe Creative Suite 4
- Media Server
- Microsoft Outlook for all students

Beyond the Classroom

Students have access to ICT areas during first break and most days after school. Clubs and enrichment activities will be available throughout the year to extend students skills; such as Flash Animation, Graphics, Sound Editing and Video Editing.

Key Stage 3

Students in Years 7, 8 and 9 all study ICT for one hour per week and follow the Key Stage 3 National Strategy covering the aspects of ICT listed below:

Year 9: Throughout Year 9 extended case studies are used to allow students the opportunity to integrate the applications, skills and knowledge acquired throughout Years 7 and 8. The final term of year 9 will concentrate on developing the higher level skills and knowledge required for GCSEs. Students are assessed throughout Key Stage 3 culminating in a ICT National Curriculum Level.

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Year 7

Multimedia Presentations
Spreadsheet Modelling
Data Handling
Image & Graphics
Control & Robotics
Data & Information sources

Year 8

Web Publishing
Simulations & Models
Information, reliability & validity
Sensors & Systems
Control & Robotics
Integrated ICT systems

Key Stage 4

ICT is compulsory. Students in years 10 and 11 all study the equivalent of 1 GCSE and receive an Award in Digital Applications (AIDA). Students then can opt to choose Certificate in Digital Applications (CIDA) equivalent to 2 GCSE's. Students who show advanced ICT skills can be challenged further with CIDA+; equivalent to 3 GCSE's

Unit 1: Using ICT : 1 GCSE

Unit 2: Multimedia: 1 GCSE

Unit 3: Graphics: 1 GCSE

Unit 4: ICT in Enterprise: 1 GCSE

Unit 5: Games Design: 1 GCSE

Assessment is 100% coursework shown through an E-portfolio.

Parental Support

As parents, your support is invaluable in ensuring coursework, research and homework is completed on time. Parents are encouraged to contact individual teachers at school at any time to discuss any issues relating to your child's progress.