A LEVEL: COMPUTER SCIENCE (AWARDING BODY OCR)



CONTENT

Computer Science is a practical subject where students can apply the academic principles learned in the classroom to real-world systems. It's an intensely creative subject that combines invention and excitement, and can look at the natural world through a digital prism.

The A level programme is assessed by two written exams and a programming project:

Paper 1: Computer Systems 2 hours 30 minutes, (40% of A level)

Paper 2: Algorithms and Programming 2 hours 30 minutes,

(40% of A level)

Programming Project: Analysis of the problem; design of the solution; developing the solution; evaluation (20% of A level)

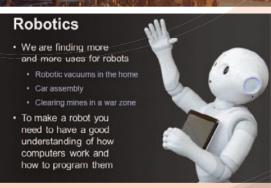
PROGRESSION

Many of our students go to university to study computing or games design before specialising in the following career areas:

- Computer Programmer converting project requirements into code to create or modify computer programmes
- Software Developer designing, installing, testing and maintaining software systems
- Network Engineer installing, maintaining and supporting computer networks within an organisation
- Web Developer responsible for the design, layout and coding of a website
- Database Administrator assisting with the planning and development of databases
- Systems Analyst deigning new IT solutions to improve business efficiency

For further information about the course contact: Mr McPake: mmcpake@tkasa.org.uk

Drones Drones are already used for film making, search & rescue and surveying In the future, deliveries to your house could be made by drone They will need programmers to tell them where and when to go each day Would you like to be a part of this future?





A strong games industry

- The UK is well known for its games development.
- The following were all made in the UK:
 - Grand Theft Auto (Edinburgh)
 - Elite Dangerous (Cambridge)
 - . Candy Crush (London)
 - Batman: Arkham (London)
 - Sonic Forces (Learnington Spa)
 - Burnout Paradise (Guildford)

Further careers information can be found at:

https://www.computerscience. org/careers/

