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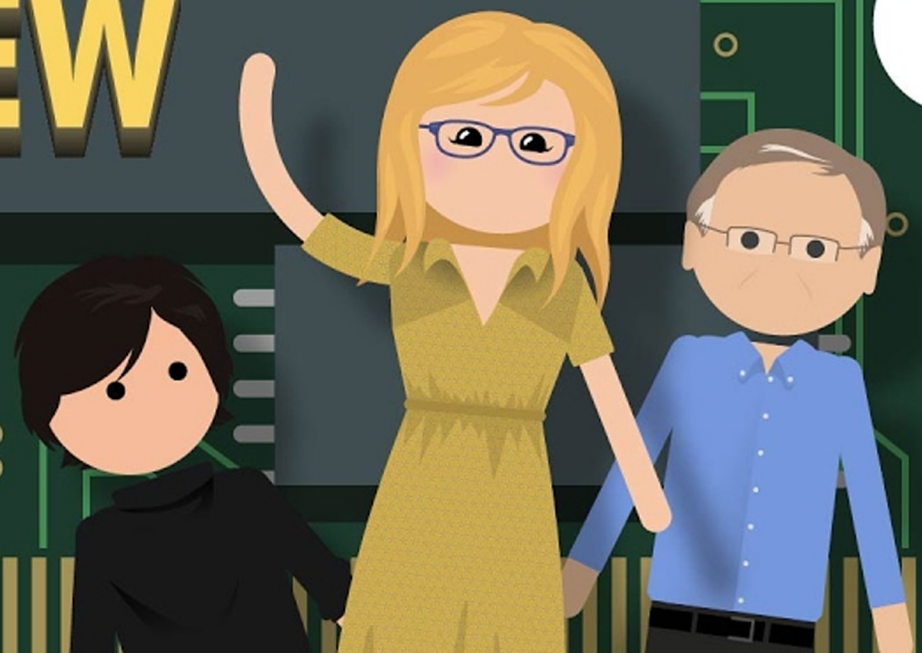
Year 6 to 7 transition

80 UNIT 3

# COMPUTER SCIENCE PREVIEW

CC COMP  
SCI 2017

WHO'S READY FOR SOME BINARY?



## Curriculum Focus

### Autumn Term

#### Safety of information, communication and technology

- Social Networking
- Rules for online safety
- Cyber bullying
- Plan, design and evaluate poster (**Assessment 1**)

#### Spreadsheet Modelling

- Collecting data
- Spreadsheet skills; formatting, formulae, functions and presenting data
- Leaflet creation (**Assessment 2**)

### Remaining terms overview

**Programming - LOGO**  
**Game making KODU**  
**How computers work**  
**Webpage Creation**

## How your son or daughter uses ICT at school

ICT in schools is taught as a subject in its own right and also supports students' learning in other subjects, including English and Mathematics. Within ICT lessons students learn to use a wide range of ICT including:

**Word Processing** to write essays, news articles or letters

**Databases** to record information, e.g. GCSE data handling project

**Spreadsheets** to create tables, charts and graphs

**Desktop Publishing** to design posters, leaflets or cards

**Multimedia Presentation** to present text, pictures, sound and video

**Drawing Programs** to create pictures and designs in Art and Technology lessons

**Internet and CD-ROMs** to access research for project work

**Email** to contact friends in another school and email coursework to teachers

**Digital Cameras** to record what they have done in class or on a field trip

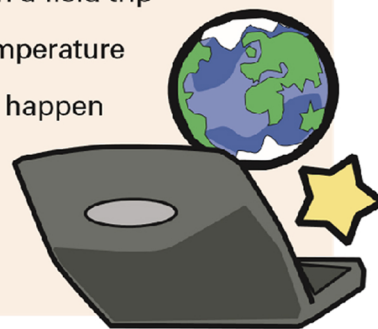
**Electronic Sensors** to record changes in light, sound and temperature

**Control software** to give instructions and make something happen

**Simulations** to explore real and imaginary situations

**Website Publishing** to create their own websites

**Video Conferencing** to share ideas or ask an expert.



## How learning at home with ICT benefits students

Home use of ICT by students:

- improves their ICT skills and makes learning more fun
- offers them choice in what they learn and how they learn it
- supports homework and revision
- improves the presentation of their work
- connects learning at school with learning at home.

All this can lead to better performance at school and an improved standard of work.

## Department Teachers:

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# AAESS

Achieving Excellence

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