

KS3: YR 8 COMPUTER SCIENCE LEARNING JOURNEY

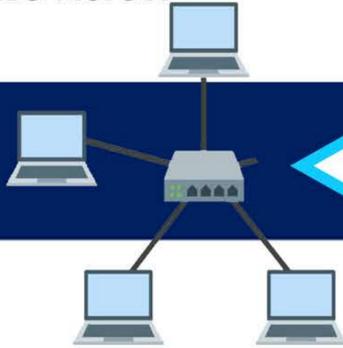
**YEAR
9**

Using Media - Sound

- Digitising sound links to binary
- Listening and planning
- Creating an advertisement
- Jobs in sound industry
- Revision

- The internet
- Connectivity
- Topologies

**HALF
TERM**



Networks

- Summative Assessment
- Feedback and NOW

- IDE, syntax
- Sequence, print function
- Sequence, variable, input function
- Arithmetic, BIDMAS, comparison variables

**SUMMER
TERM**

Textual Python Programming

**HALF
TERM**

- Using functions MAX MIN IF,
- Sorting, what if
- Validation, formatting, Countif
- Creating and assigning macros



- Formatting cells, adding basic formula
- Adding and formatting own data and formulas

**SPRING
TERM**

Modelling Data – Spreadsheets

**HALF
TERM**

- Health and safety
- Binary/denary
- Hexadecimal
- Summative Assessment
- Feedback and NOW



Computer Crime and Cyber Security

- Email scams, phishing and spear phishing
- Malware, worm, trojan, marked piece
- Hacking, white, black and grey hat hackers
- Black box and white box testing
- Copyright and plagiarism

**YEAR
8**

