

# Keywords: Autumn 2

## Year 7 Computing

### Computer Systems

#### What Computer Systems are and how they work.

- Understand what a computer system is and identify input and output device.
- Identify the key hardware components of a computer system and the role they play in processing data.
- Compare computer systems against key characteristics.

Keyword	Definition
Hardware	The physical parts of a computer
Computer System	Hardware, software, and data working together.
Input	Instructions/data entered into the Computer System by an input device.
Output	Data that has been processed into a useful format.
Processing	Calculations or decisions made by the C.P.U
C.P.U	Central Processing Unit – used to process instructions and data.
R.A.M	Random Access Memory – temporary storage for programs, program files and data being used
Permanent storage (Hard Disk Drive/ Solid State Drive)	Store programs (Operating System, Office etc.), files and data permanently.
R.O.M	Read Only Memory – stores BIOS and boot up instructions.
Motherboard	Allows hardware to connect and communicate using electrical signals.
Heat Sink	Metal block used to cool C.P.U