Computing – Year 4

Autumn 2 – Computers and Networks

In this unit I will learn

- Computers use inputs, processes, storage and outputs.
- Different devices can be classified as inputs or outputs.
- The CPU processes information.
- RAM stores information temporarily.
- A hard drive stores information long-term.
- Computers represent information using binary.
- Different computer components have different roles.

Key Knowledge

- Computers take in, process, store and output data.
- The CPU carries out instructions.
- RAM is temporary memory.
- Hard drives store information long-term.
- All digital information is represented using binary.

Key Vocabulary

Computer - a device that processes data.
Input - data entered into a computer.
Output - information produced by a computer.
Process - carrying out instructions on data.
CPU - the part of a computer that processes information.
RAM - temporary memory used while a computer is working.
Storage - where information is kept.
Hard Drive - long-term storage for data.
Memory - information stored by a computer.
Binary - a system using only 0 and 1.