



## ? What are we learning with Inside a Computer?

Computers and mobile devices have many different parts to make them work effectively. We are going to learn the main components of a computer and their functions. We will be able to use this information to recommend different devices to suit different purposes.



## National Curriculum Content

Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.

## Key knowledge

- Know that the CPU is the brain of the computer and requires a fan.
- Know that the Hard Drive is the memory of the computer.
- Know that memory is measured in bytes and gigabytes.
- Know that RAM helps the computer to run quicker
- Know that the graphics card converts the images and videos on screen

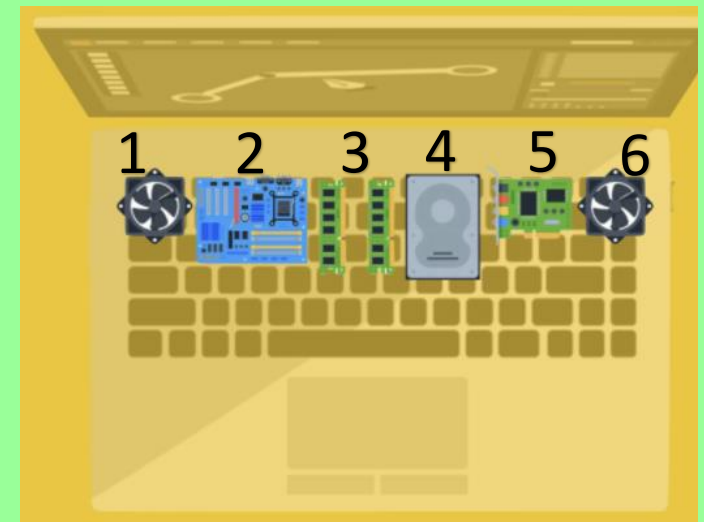


## Key Vocabulary

CPU	Central Processing Unit
RAM	Random Access Memory
Bytes (b)	A unit of measurement for computer memory (smaller)
Gigabyte (GB)	A unit of measurement for computer memory (larger) There are 1,000,000,000 bytes in 1gb



## Key Diagram



- 1 and 6 - Cooling Fans.
- 2 – CPU
- 3 – RAM
- 4 – Hard Drive
- 5 – Graphics Card

