

Year 3 - Journey Inside a Computer

WHAT I SHOULD ALREADY KNOW

Recognise some computer parts



Know similarities between computers



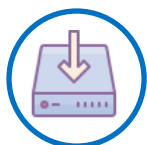
Describe different computers



Recognise 'inputs' and 'outputs'



MAKING CONNECTIONS



You will be using

Desktops

Canva

QR Code Scanning

Tablets

PicCollage



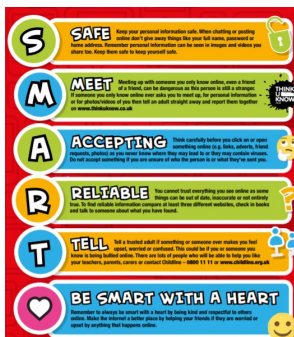
Extend your learning

Can you explain connections between different parts of the computer?

Can you explain the use of different components?



Don't forget



KEY VOCABULARY



Input—A way of telling the computer what you want it to do



Output—A way of seeing whether the computer has done what you asked it to



CPU—The processor—telling other parts what to do



Keyboard— Gives the computer typed instructions



Mouse— Gives the computer click instructions



Screen—Shows what the computer tells it to



GPU— Shows things of the computer screen, but has a bad memory



Hard Drive—Keeps care of pictures and games, but is slow!



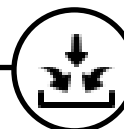
RAM—Remembers all immediate things but forgets everything when shut down



ROM— Remembers all important things when the CPU is shut down

KEY OBJECTIVES

Recognise some inputs and outputs



Understand a computer follows instructions



Recognise a laptop is made up of many parts



Explain the purpose of some parts of a laptop



Suggest the purpose of each part of a Computer



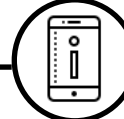
Follow an algorithm



I can use a QR code



Recognise a tablet is a computer



Compare similarities across different computers



Compare differences across computers



Use logic to suggest what is inside a computer

