

# UKS2

## Revision Techniques

Hard work | Independence | Enjoyment

# Memory

TTG

HDC

AOT

APO

Look at these strings of letters for 10 seconds.  
Cover up the letters...  
Can you remember the order of these letters?  
It's hard because they don't mean anything to us.  
We could probably remember them given more time.

# Memory

CAT

DOG

TOP

HAT

Now look at these strings of letters for 10 seconds.

Cover up the letters...

Can you remember the order of these letters?

It's easier because the words are meaningful; they're in our long term memory; the first two are animals and a top hat is a piece of clothing



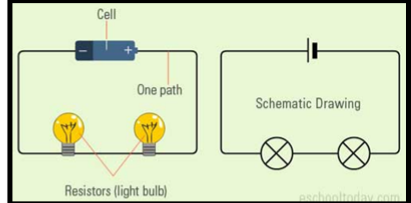
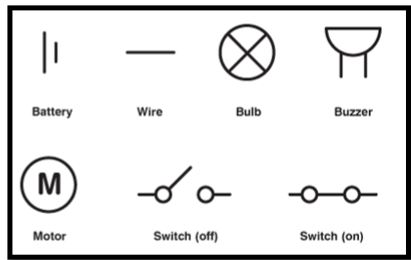

We don't remember when we learn something; instead it happens over time and that is what we are talking about today.

# Long Term Memory

- Students need to commit knowledge and facts to their long term memory
- This helps them to understand the new learning being taught in school
- The process of retrieving facts helps to improve their long term memory

# 100% Sheets/ Knowledge Organisers

- Start of a unit
- The knowledge needed to understand the lesson
- Needs to be committed to long term memory
- Needs revising frequently
- Will be 'quizzed' in school

Knowledge Organiser: Year 6 Science - Electricity		
<b>Vocabulary and definitions to learn</b>		<b>Famous Scientists</b>
circuit	a path or line through which an electrical current flows	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Michael Faraday</b></p>  <p>Michael Faraday (1791–1867) was a Victorian chemist and physicist who invented the electric motor. He was the son of a poor London blacksmith. Although he had little schooling, he taught himself from science books while working for a bookbinder, and did his own experiments after work.</p> <p>Inventions: Electric motor Profession: Chemist, Scientist</p> </div> <div style="text-align: center;"> <p><b>Benjamin Franklin</b></p>  <p>Benjamin Franklin (1706 – 1790) was an American inventor and politician. He invented many things, such as bifocal spectacles, a heat-efficient stove, fins for swimming and a musical instrument called a glass armonica. His most exciting invention was the lightning rod. Before the arrival of Franklin's invention, buildings were often destroyed in fires started by lightning strikes. His lightning rod attracted lightning, redirecting it down the side of buildings and safely to the ground.</p> </div> </div>
cell	power source of a circuit (usually a battery)	
switch	a small gap in the conductor where you can close or open the circuit	<b>Drawing circuits</b>
load/ resistor	a small light bulb or buzzer that lights when the circuit is turned on	
conductor	usually copper wires with no insulation. They make the path through which the electricity flows	
insulator	something that does not conduct electricity	<b>Static Electricity!</b>
series circuit	a circuit that has more than one resistor, but only one path through which the electrons flow. From one end of the cell, the electrons move along one path with NO branches, through the resistors, to the other end of the cell. All the components in a series circuit are connected end-to-end	 <p>Static electricity is an imbalance of electric charges within or on the surface of a material. The charge remains until it is able to move away by means of an electric current or electrical discharge.</p>
component	a part or element of a larger whole	
electron	the flow of charged particles	
electricity	a negatively charged particle	
electric current	the flow of electrons around a circuit	
static electricity	the build up of electrons on an insulator	
charge	how humans harness the movement of electrons	
voltage (V)	makes electric charges move; the difference in charge between two points	
current	the rate at which the charge moves around a circuit	

# The Leitner System

<https://www.youtube.com/watch?v=d9u3KxGCio8&feature=youtu.be>

- Revise for 1 week
- Then keep quizzing yourself or with a family member
- Switch the quizzing around “If .... is the answer, what is the question?”
- Look back over older 100% sheets; can you still remember the knowledge?

# Quizzing

- Students will be quizzed in most lessons where 100% sheets have been issued
- These are 'low stakes' quizzes rather than tests so they are fun and do not create stress or anxiety
- Regular quizzing helps students retrieve information when they're about to forget it
- Retrieval practice is what helps students learn and remember better!