

Mnemonics

The planets:

M Y	M ercury
V ERY	V enus
E NERGETIC	E arth
M OTHER	M ars
J UST	J upiter
S WAM	S aturn
U NDER the	U ranus
N ORTH	N eptune
P OLE	P luto



Visual Mnemonics

Mnemonics are a way of helping us to remember information. They are particularly useful if we need to remember information in a particular sequence. You will have come across these if you have done the **no limits** “passport to success” session.

Examples of this are

“My Very Easy Method Just Speeds Up Naming Planets” is also a mnemonic that most people would have heard of to remember the order of the planets (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto).

We can make this Mnemonic even more memorable by putting it into a visual mnemonic that creates funny and quirky pictures in our imaginations.

An alternative way of remembering the order of the planets is with the Mnemonic “My Very Energetic Mother just Swam Under The North Pole”



When writing Mneomics try to make them:

- Funny – Laughing releases endorphins and the chemical Acetylcholine A into our brains making it easy to remember.
- Quirky – Our Brains remember things that are odd and out of the ordinary
- Personalized – Try to include someone or something that you know
- Rude – We also remember things that are a little bit naughty (If you are doing this in school be conscious of where you are!)

Task

The more practice that you have with creating your own Mnemonics the easier it gets – practice makes perfect!

You have a choice of either but choice one is likely to benefit you more because it will help you to prepare directly for the exams you have coming up

Choice one

Create some Mnemonics for any of the lessons that you are due to take exams in. Simply look through any of your subject exercise books and select topics that you need to revise. By doing this you will be practicing the technique and actually revising at the same time. The point of **no limits** workshops is to equip you with techniques that will be useful in your revision so you can start applying them now.

Choice two

Practice your Mnemonic technique with some of the alternatives from the examples listed below.

Food Technology

In the food industry, **Quality Assurance** is a guarantee from the manufacturer to the customer that their food meets a clear, consistent set of standards. Manufacturers use a key set of checks and the results are written down and monitored.

Below is a list of checks carried out during the quality control process.

Task: Use the list below to write a mnemonic revision phrase to help you to remember the different quality control checks.

Quality Control Checks

Weight
Visual
Temperature
PH
Microbiological
Chemical
Metal
Organoleptic
(checking flavour,
texture & aroma)

Science

In the physics area of science you need to be able to remember the order of the **electromagnetic spectrum**.

Below is a list of the electromagnetic spectrum in order of highest frequency to lowest (or shortest wave-length to longest).

Task:

Use the list below to write a mnemonic revision phrase to help you to remember the order of the electromagnetic spectrum.

Electromagnetic Spectrum

Gamma
X-Rays
Ultraviolet
Visible
Infrared
Microwaves
Radio Waves

Music

Musical history is divided into different periods. These have specific names which you should remember in order.

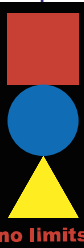
Below is a list of the musical periods in order from the 1400's to present day.

Task:

Use the list below to write a Mnemonic revision phrase to help you remember the order of the musical periods.

Musical Periods

Renaissance
Baroque
Classical
Romantic
Twentieth century



Resistant Materials

In resistant materials you have to remember the different types of fixings used for joining one or more materials together.

They come in 2 different groups;

Temporary and Permanent.

Task: Use the list below to write a mnemonic revision phrase to help you to remember the different types of fixings.

Permanent

Nails
Adhesives
Rivets
Brazing
Welding
Soldering

Temporary

Screws
Nuts
Bolts

Chemistry

Crude oil is refined in a process called Fractional distillation. In Chemistry you need to remember the order that these are distilled.

Below is a list of the fractions in order of low boiling point (small molecules) to highest boiling point (largest molecules)

Task: Using the list below write a Mnemonic revision phrase to help you to remember the order of fractional distillation.

Oil Fractions

Refinery Gases
Petrol
Naptha
Kerosene
Diesel Oil
Fuel Oil
Residue

