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Inspiring
empowered
learning

Exam Busters

You Pad

**Positively
you** 

Osborne Stable Block,
York Avenue,
East Cowes,
Isle of Wight,
PO32 6JU

www.positivelyyou.org.uk



Student Name:

www.positivelyyou.org.uk



Stationery provided by



Notes:

Mind Map



Remember Your Command Words

STATE

Simple answer - correct or .

DESCRIBE

Details - where/ /numbers/ .

EXPLAIN

Details - /why & specific/key .

SUGGEST

: based on what you have .

HOW FAR

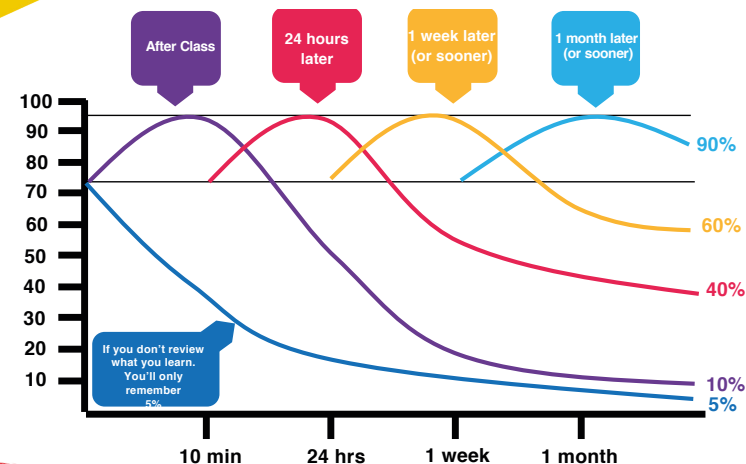
Your on the .

Planning Time for Exams

Reading - 10mins Planning 30 marks and above - 10mins Checking - 10mins

Marks	Minutes	For Example
< 20	+ 2 minutes	18 marks = 20 minutes
20 to 30	+ 3 minutes	24 marks = 27 minutes
> 25 marks	+ 5 minutes	30 marks = 35 minutes

Recall After Learning



You forget 80% of what you learn in the first 24 hours

It is proven that by reviewing what you've learnt at regular intervals, you can reduce how much you forget to just 10%

Review your work 4 times within a month and you'll remember nearly 100%

Cheat Sheet

GCSE Chemistry

Keywords

Mixtures
Atoms
Elements
Filtration
Pure
Crystallisation
Compound
In/soluble
Balanced chemical equation
Chromatography
Subscript
Chemical reaction
Relative masses
Ion
Atomic number
Mass number
Electron/proton/neutron
Isotopes
Word equation
Reactant
Relative atomic mass
Product
Pair reversals
Conversion of mass
Electronic structures
Molecules
Inert

State symbols
(s) = solid
(l) = liquid
(g) = gas
(aq) = aqueous solution

Ions
Sodium = Na⁺
Magnesium = Mg²⁺
Chloride = Cl⁻
Oxide = O²⁻

Ionic compounds
NaCl = + -
Na₂O = 2+ 2-
MgO = 2+ 2-
MgCl₂ = 2+ 2-

Molecules
Iodine
Bromine
Chlorine
Fluorine
Oxygen
Nitrogen
Hydrogen

Compounds
Sodium chloride = NaCl
Potassium bromide = KBr
Magnesium iodide = MgI₂
Carbon dioxide = CO₂
Sulphur trioxide = SO₃
Water = H₂O
Ammonia = NH₃
Methane = CH₄
Carbon monoxide = CO

Reactants => products
Nitrogen + Hydrogen => ammonia

Balancing an equation
Mass of products = mass of reactants

Proton = atomic number
Electron = atomic number
Neutron = Mass number - atomic number
Mass number = proton + neutron

THOMSON/DALTON/RUTHERFORD/BOHR/CHADWICK/MENDELEEV

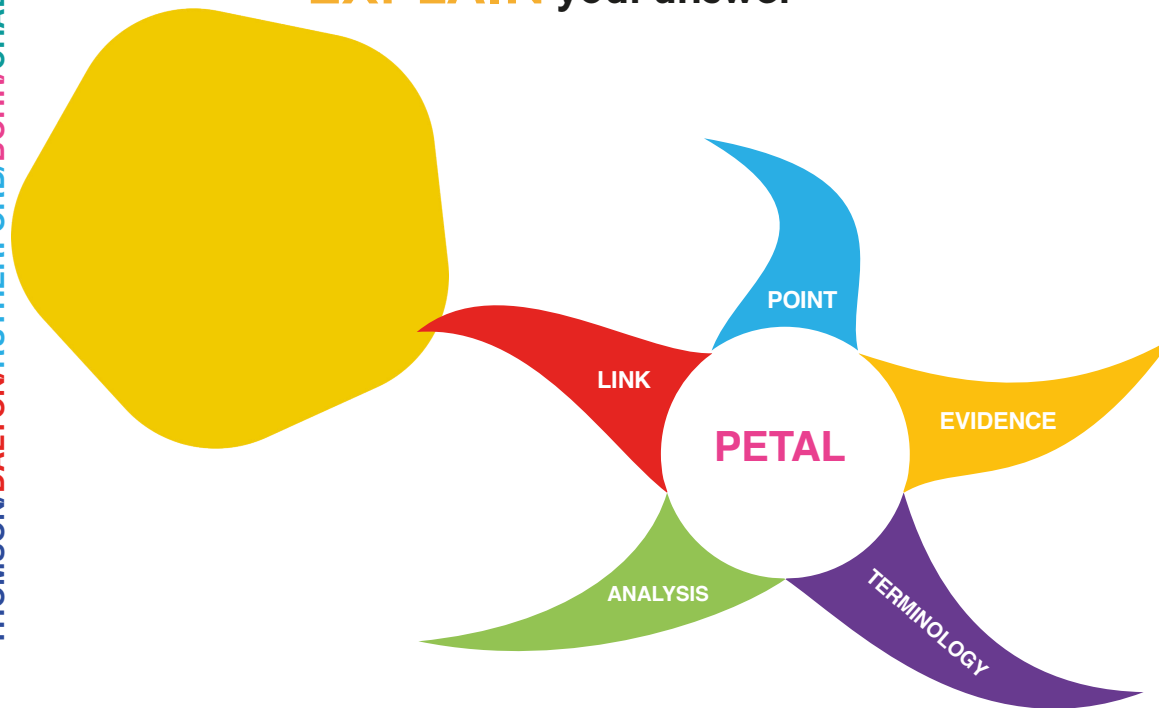
The Rice Exam System

READ the question twice

IDENTIFY and highlight the command word

CONCENTRATE on the key words

EXPLAIN your answer



Mind Mapping

Mind mapping is a powerful learning technique which encourages the brain to form connections between information and pictures.