



Metals, non-metals, periodic table, group 1, group 7, group 0, trends, properties, displacement reactions

Make sure you can write definitions for these key terms.

Key terms

SCAN ME



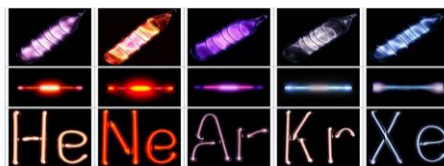
Final assessment

Review of learning

Revision

Retrieval, keyword definitions and equation practice.

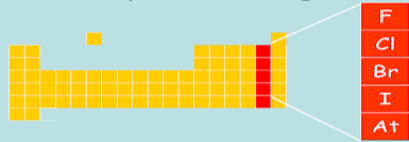
LESSON 7



Group 0 – Noble gases

Trends and properties of group 0.

Group 7 - The Halogens



LESSON 6

Group 7 – Halogens

Trends and properties of group 7, Displacement reactions

LESSON 4

Group 1 – alkali metals

Trends and properties of group 1 metals

LESSON 3

INCREASING REACTIVITY



Groups and periods

Groups are the vertical columns and periods are the horizontal rows,

LESSON 2

Group 1	Group 2											Group 3	Group 4	Group 5	Group 6	Group 7	Group 0
Li	Be	H										B	C	N	O	F	Ne
Na	Mg											Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og

Groups												Periods						
1	2											3	4	5	6	7	0	1
Li	Be	H										B	C	N	O	F	Ne	1
Na	Mg											Al	Si	P	S	Cl	Ar	2
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	3
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	4
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	5
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og	6
																		7

Metals Non-metals

Metals and non-metals

Where are they on the periodic table? How will you remember their locations?

LESSON 1

Retrieve: KS2: N/a C1.1 Particles and their behaviour

Apply: C1.2 Elements, atoms and compounds C1.3 Reactions C1.4 Acids and alkalis C2.1 The Periodic Table C2.3 Metals and acids C3 Atomic structure C4 The periodic table C5-7 Bonding C17 Groups in the periodic table 16+ Atomic orbitals, structure of the period

