

Twenty Elements

Plain version and back to back version (2 and 3)

Dear Colleagues,

Thank you for being prepared to pilot these resources. Please email Heather (heather.millington@medway.gov.uk), Alice (alice.adesina@medway.gov.uk) or Stuart (stuart.scott@collaborativelearning.org) with your suggestions and comments.

We hope we will see you at ASE conference in January.

Alice, Heather and Stuart

Webaddress: www.collaborativelearning.org/twentyelementsplain.pdf

Last updated 15th September 2010

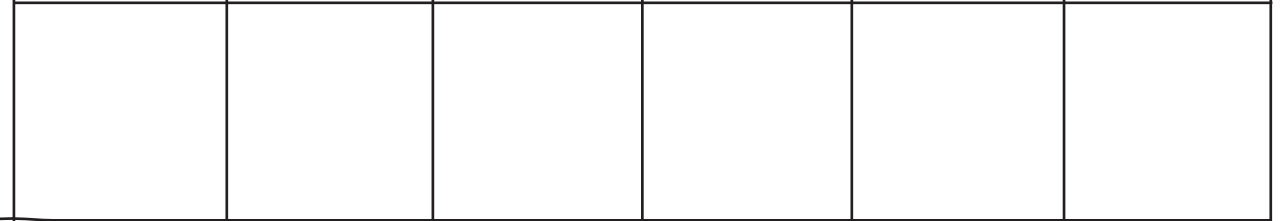
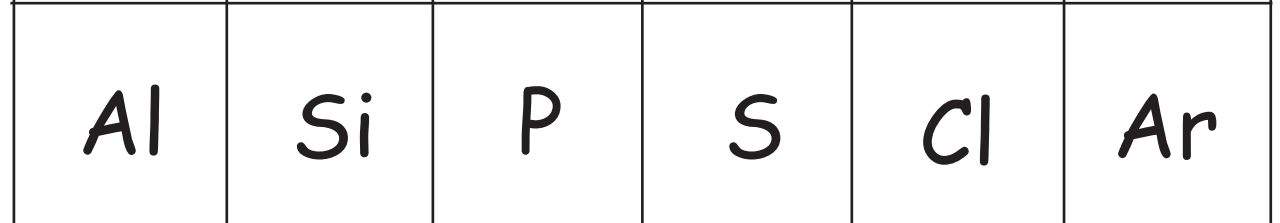
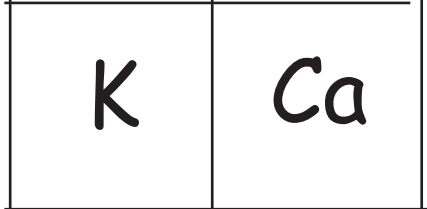
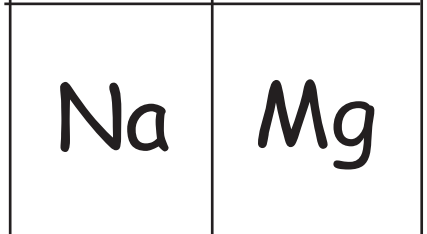
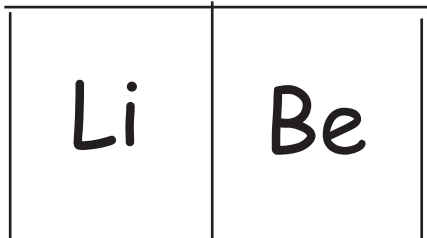
Twenty Elements

These cards can be used to help students to familiarise themselves with symbols and names and locations of elements on the periodic table and understand how electron configuration changes across the periodic table.

The periodic table board can be enlarged to A3 and used as a base for positioning the other cards.

The different card sets are best printed in different colours.

Twenty Elements



Lots more elements down here!

H	He	Li	Be	B
C	N	O	F	Ne
Na	Mg	Al	Si	P
S	Cl	Ar	K	Ca

Symbols

Version 2

B	Be	Li	He	H
Ne	F	O	N	C
P	Si	Al	Mg	Na
Ca	K	Ar	Cl	S

Symbols

Version 3 for
backing on
names

Hydrogen	Helium	Lithium	Boron	Beryllium
Carbon	Nitrogen	Oxygen	Fluorine	Neon
Sodium	Magnesium	Aluminium	Silicon	Phosphorous
Sulphur	Chlorine	Argon	Potassium	Calcium

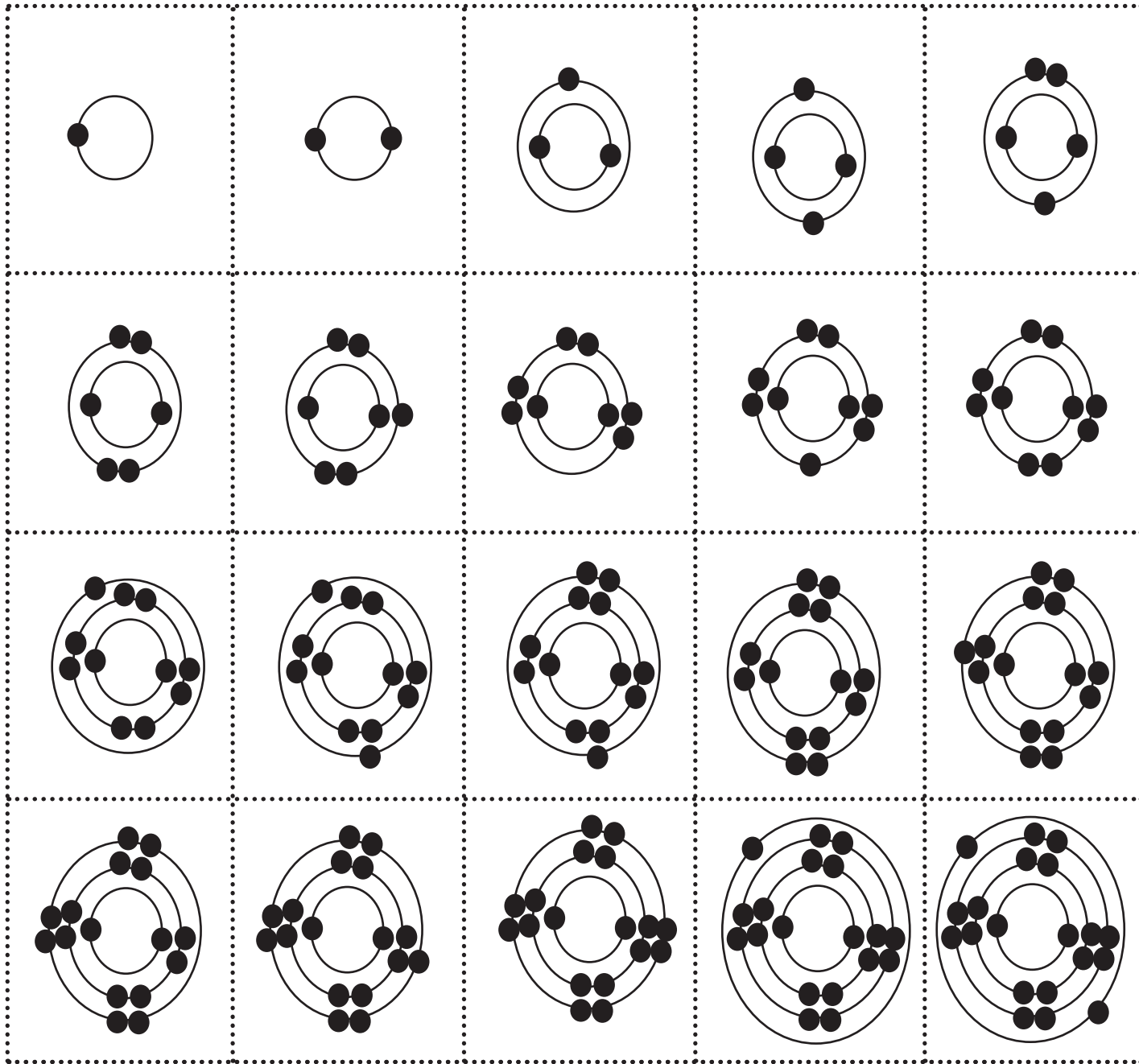
Names

Version 2

Beryllium	Boron	Lithium	Helium	Hydrogen
Neon	Fluorine	Oxygen	Nitrogen	Carbon
Phosphorous	Silicon	Aluminium	Magnesium	Sodium
Calcium	Potassium	Argon	Chlorine	Sulphur

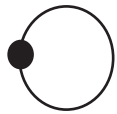
Names

Version 3 for
backing on
configurations



1	2	2,1	2,2	2,3
2,4	2,5	2,6	2,7	2,8
2,8,1	2,8,2	2,8,3	2,8,4	2,8,5
2,8,6	2,8,7	2,8,8	2,8,8,1	2,8,8,2

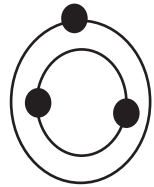
H	He	Li	Be	B
1	2	2,1	2,2	2,3
C	N	O	F	Ne
2,4	2,5	2,6	2,7	2,8
Na	Mg	Al	Si	P
2,8,1	2,8,2	2,8,3	2,8,4	2,8,5
S	Cl	Ar	K	Ca
2,8,6	2,8,7	2,8,8	2,8,8,1	2,8,8,2



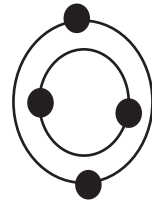
Hydrogen



Helium



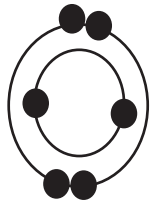
Lithium



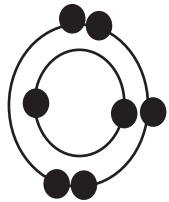
Boron



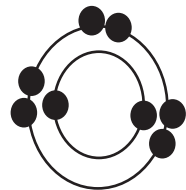
Beryllium



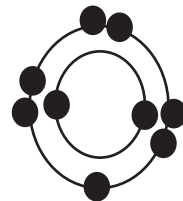
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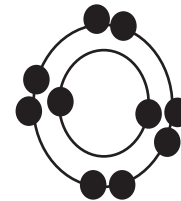
Nitrogen



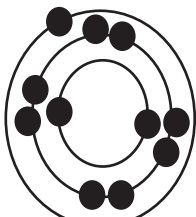
Oxygen



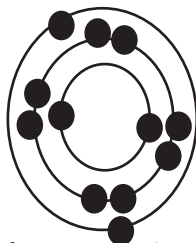
Fluorine



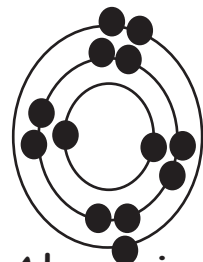
Neon



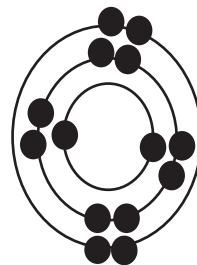
Sodium



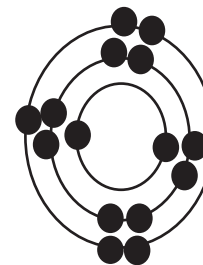
Magnesium



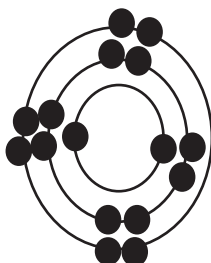
Aluminium



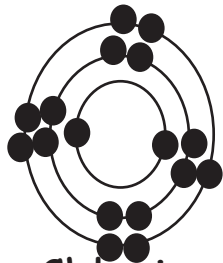
Silicon



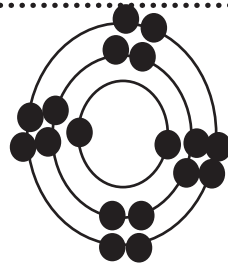
Phosphorous



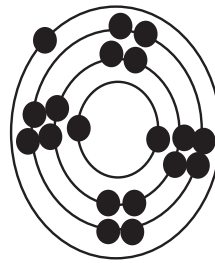
Sulphur



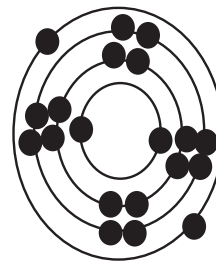
Chlorine



Argon



Potassium



Calcium

H

He

Li

Be

B

C

N

O

F

Ne

Na

Mg

Al

Si

P

S

Cl

Ar

K

Ca