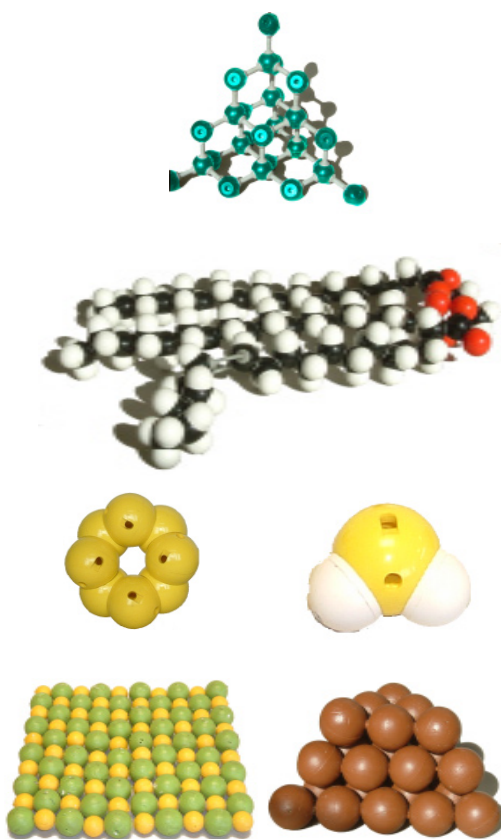


# *CfE - Materials*

## *Elements, Mixtures & Compounds*

# *Homework & Handouts*



*This booklet belongs to* \_\_\_\_\_

# *Element Symbols*

Use you Periodic Table to *find the symbol* for each of the elements named below.

Element Name	Symbol
lithium	
potassium	
carbon	
silver	
chromium	
fluorine	
nitrogen	
oxygen	
boron	
hydrogen	

# *Element Names*

Use your Periodic Table to *find the name* for each of the symbols given below.

Symbol	Element Name
Ni	
Os	
F	
Ca	
Ba	
Pb	
S	
Ra	
Pt	
Pu	

# Element Puzzle

Use the clue on the left to find an ordinary word that is hidden in the name of an element. Then use your Periodic Table to help you complete the name of the element. The shaded box shows you where to place the word and each dash stands for a letter.

For example,

<b>Clue</b>	<b>Element</b>
<i>Opposite of woman</i>	<b>M A N</b> _ _ _ _ _
	<i>the element is MANGANESE</i>

Now try these:

<b>Clue</b>	<b>Element</b>	Ba	Cu
1. <i>Opposite of yes</i>	_ _ _ _ _		
2. <i>Opposite of young</i>	_ _ _ _ _	Co	Br
3. <i>Friend</i>	_ _ _ _ _		
4. <i>Corn on the</i> _ _ _ _	_ _ _ _ _		
5. <i>Opposite of yours</i>	_ _ _ _ _		Sb
6. <i>Police officer (slang)</i>	_ _ _ _ _		Pd
7. _ _ _ _ <i>of soap</i>	_ _ _ _ _		Au
8. <i>Insect at picnics</i>	_ _ _ _ _		
9. <i>Light brown skin</i>	_ _ _ _ _		I
10. <i>Eat a meal</i>	_ _ _ _ _		Ti
			Xe

# *Constructa Word*

Use the symbols in the Periodic Table to make as many words as you can.

e.g. barium potassium erbium = *BaK Er* = 5 points

<i>Total</i>
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# Element Wordsearch

A	R	P	N	O	O	N	O	G	N	C	C	O	U	M	M	Y	I	R	U	P	L	N	H	M
N	R	P	M	N	M	M	O	T	A	C	L	O	I	U	M	C	H	I	U	E	N	N	Y	G
L	N	G	O	O	O	U	N	L	U	H	X	B	E	M	I	I	R	O	M	N	N	O	U	H
O	R	R	O	N	G	B	U	O	Y	Y	E	N	B	O	N	P	N	P	U	O	O	T	G	H
O	O	I	M	N	I	M	T	D	G	R	I	T	O	S	I	E	M	R	U	I	S	M	C	O
B	O	U	O	N	I	S	R	E	Y	R	U	E	I	H	G	S	U	I	E	U	U	C	M	Y
L	O	O	O	N	C	O	N	L	O	E	D	P	E	O	U	N	R	N	S	I	A	P	H	M
N	S	E	I	M	G	H	L	L	B	R	L	M	R	A	X	G	N	U	A	R	I	G	P	I
X	G	U	U	E	R	I	H	U	P	M	I	T	O	U	A	L	O	N	B	B	N	I	U	R
T	M	G	N	H	U	C	S	I	N	O	I	A	G	S	I	S	U	O	S	I	O	E	O	C
O	M	A	U	M	B	M	R	I	S	N	T	C	N	O	O	N	N	H	I	A	M	O	I	N
O	N	N	R	U	I	M	E	I	E	C	E	A	I	A	N	O	R	U	E	M	I	U	R	L
I	H	U	I	P	R	S	U	M	E	N	I	N	S	N	O	H	T	E	I	R	O	S	U	R
A	I	O	M	S	M	R	U	I	C	U	L	X	N	S	N	N	N	I	R	L	S	T	R	L
L	U	I	T	M	U	I	G	H	C	R	R	E	M	C	I	I	O	M	H	U	E	L	S	U
P	N	A	N	C	S	L	H	R	L	L	U	U	E	S	R	U	N	C	R	U	R	L	P	N
I	S	N	S	E	E	O	P	P	L	U	A	T	I	O	R	E	M	O	I	M	N	O	O	U
E	L	N	N	M	E	M	U	H	R	Y	E	C	U	I	L	G	H	H	L	L	Y	O	M	O
G	H	G	O	T	U	R	U	R	U	E	G	L	O	O	I	P	I	I	M	A	I	L	G	N
T	A	U	O	R	M	I	E	I	N	R	F	S	H	O	S	S	N	U	L	B	M	S	S	O
M	O	E	N	H	A	M	D	P	H	I	S	M	O	O	N	R	I	E	I	N	S	S	T	L
H	A	O	I	S	L	H	T	O	E	T	Y	O	H	R	I	L	T	T	O	O	U	I	T	R
H	N	O	O	M	I	M	N	L	S	O	I	P	P	P	E	G	C	A	R	N	I	I	P	E
R	A	L	L	I	E	M	E	D	E	N	S	L	I	H	H	R	E	C	O	T	N	B	R	E

HYDROGEN

HELIUM

LITHIUM

BERYLLIUM

BORON

CARBON

NITROGEN

OXYGEN

FLUORINE

NEON

SODIUM

MAGNESIUM

ALUMINIUM

SILICON

PHOSPHORUS

SULPHUR

CHLORINE

ARGON

POTASSIUM

CALCIUM

# Scrambled Compounds

Unscramble the words below to make the names of compounds.

Use your Periodic Table to get the names of elements.

Don't forget that compounds end in *-IDE* or *-ATE*

e.g. ceprrrplodeocih      copper chloride

1. igmnoexidemuas      \_\_\_\_\_

2. ihdoelptspmsuiuas      \_\_\_\_\_

3. pcpeahlroutep      \_\_\_\_\_

4. ixornidoe      \_\_\_\_\_

5. ruotianiedstm      \_\_\_\_\_

6. xnddioereyhog      \_\_\_\_\_

7. ihmotlihulicdre      \_\_\_\_\_

8. ammniacboageetunrs      \_\_\_\_\_

# Word Chop

The table below contains words that have been chopped in half. Find the pieces that fit together.

ture	sym	trode	ment
volta	comp	ula	form
ele	net	cule	per
iodic	mix	work	elec
mole	meter	bol	ound

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