Chemical Elements

12 × 12 GRID • 15 WORDS

Words go across, down or diagonally. No backwards words.

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

WORDS TO FIND

ALUMINIUM
CALCIUM
CARBON
CHLORINE
COPPER
GOLD
HELIUM
HYDROGEN
IRON
MAGNESIUM
NITROGEN
OXYGEN
SILICON
SODIUM
SULPHUR

Learn what each word means on the next page.

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Chemical Elements

ELEMENTS EXPLAINED

An element is a substance made of just one type of atom.

Hydrogen
Symbol H. The lightest element; it combines with oxygen to make water.

Helium
Symbol He. A light gas used to fill floating balloons.

Carbon
Symbol C. Found in all living things, as well as diamond and graphite.

Nitrogen
Symbol N. A gas that makes up most of the air around us.

Oxygen
Symbol O. A gas that humans and many other living things need to breathe.

Sodium
Symbol Na. A soft, reactive metal; one of the elements in table salt.

Magnesium
Symbol Mg. A light metal that burns with a bright white light.

Aluminium
Symbol Al. A light metal used in drinks cans, foil and aircraft.

Silicon
Symbol Si. Used in computer chips; its compounds are found in sand.

Sulphur
Symbol S. A yellow solid used to make chemicals such as sulphuric acid.

Chlorine
Symbol Cl. Used to disinfect water; one of the elements in table salt.

Calcium
Symbol Ca. A metal whose compounds help make bones and teeth strong.

Iron
Symbol Fe. A metal used to make steel and needed by our bodies.

Copper
Symbol Cu. A reddish metal used in wires because it conducts electricity well.

Gold
Symbol Au. A valuable yellow metal used in jewellery and electronics.

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