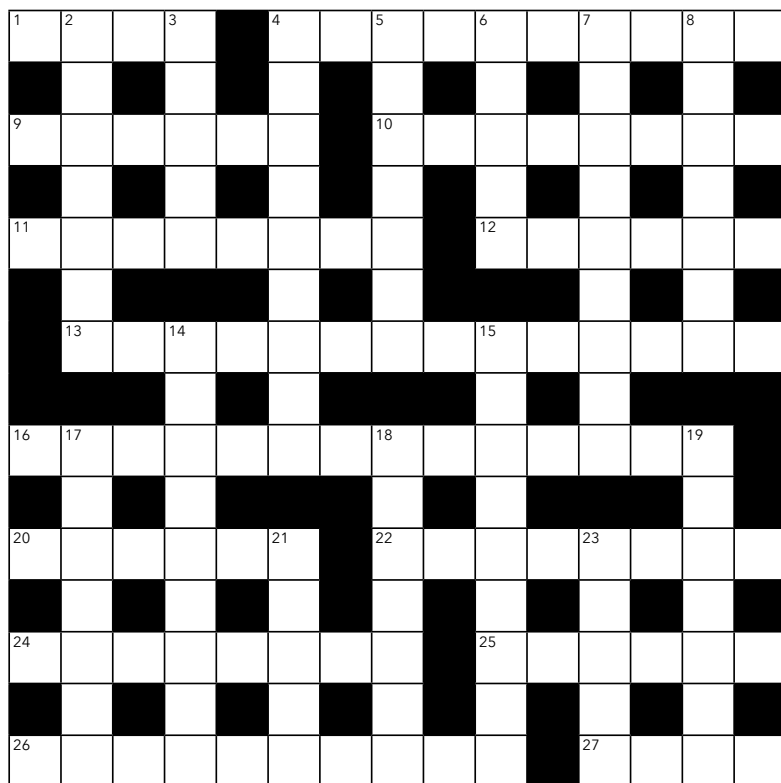


August 2023 crossword



August 2023 wordoku

	H	N		E			A		A
T	E			S					E
A	L		H			E			H
					E	I		M	I
H			S		A			N	L
E		L	N						M
		E			N		S	H	N
			M				L	E	S
	N			S		T	M		T

Solve this wordoku in the same way as a sudoku with letters instead of numbers (each of the nine letters in each row, column and nine-square cell). Once solved, one of the overall diagonals can be rearranged to give a company in the specialty chemical and personal care sectors.

Cryptic

Across

- 1 Book performances (4)
 4 Tyro oddly ignored chapter about a chemist (10)
 9 A carriage for the physicist (6)
 10 A riposte about the termites (8)
 11 On arrangement, aide sung the prayer (5, 3)
 12 He used to prevent the bends (6)
 13 Tasteless lines recycled into untarnished metal (9, 5)
 16 I left note about chilly elegy in the compound (8, 6)
 20 Perhaps delay first detox - it would be fatal (6)
 22 Flies right around copper lights (8)
 24 Flouts the French abroad? Could be radioactive! (8)
 25 Uniform Dolly recreated with much noise (6)
 26 Letters about a cynic gone like 14 Down? (10)
 27 See 15 Down

Down

- 1 Attacks the allegations (7)
 3 Dash around Ugandan capital for the holy man (5)
 4 Something to eat before the ballet - there's plenty of it (9)
 5 She finally plays violin - it's rock (7)
 6 Turn formic acid into liquor (5)
 7 Tactic lay around prompting a reaction (9)
 8 Tourer heading east about to change direction (7)
 14 Laying dam around the compound (9)
 15, 27 Across Cyclical aid is converting bitter substance (9, 4)
 17 Pray about the treatment (7)
 18 Nell is onto some American writer (7)
 19 Siren surprisingly lonelier missing the Nag's Head (7)
 21 Immature British polymath (5)
 23 Mythical creature behind first amphibian animals (5)

Quick

Across

- 1, 9 Across Biophysicist and zoologist nicknamed 'Mrs Muscle' (4, 6)
 4 Particle accelerators invented by Ernest O Lawrence (10)
 9 See 1 Across
 10 Scientists like you perhaps (8)
 11 *Bubo bubo* (5, 3)
 12 Vitamin B3 (6)
 13 Supplementary computer memory devices (8, 6)
 16 Oxygenated metalloprotein of some invertebrates (14)
 20 Crockery (6)
 22 Benjamin _____, physicist and inventor (8)
 24 More sly (8)
 25 English economist and philosopher (6)
 26 Deluge (5, 5)
 27 Optical organs (4)

Down

- 1 Come from a source (7)
 3 Of the nose (5)
 4 Large open area inside or in front of a building (9)
 5, 23 Down Astronomer known for their study of the cosmic abundance of the elements (7, 5)
 6 Large body of salt water (5)
 7 Wrecking (9)
 8 NO₂- (7)
 14 Inhabitants of the largest island in French Polynesia (9)
 15 Describing a vessel on land, often for repair (3-6)
 17 (CH₃)₂C₆H₃OH (7)
 18 Canadian province where physicist and Nobel laureate Donna Strickland was born (7)
 19 Geological period (7)
 21 Having a high Young's modulus (5)
 23 See 5 Down

August 2023 science scramble

Similar to a word ladder, each answer provides letters that must appear - including duplicates - in the answer immediately following it. The puzzle's final answer is a scientist or someone who contributed to science.

For example:

1 sail, 2 snail, 3 saline, 4 minerals, 5 Neil Armstrong

- | | | |
|---|--|--|
| 1 | | Geological age (3) |
| 2 | | Writer of nonsense verses (4) |
| 3 | | Classical composer (5) |
| 4 | | Publisher of superhero comic books (6) |
| 5 | | Deportations (8) |
| 6 | | The first 'scientist' (4, 10) |

Quick quiz:

- Which fictional detective was awarded an 'extraordinary honorary fellowship' of the Royal Society of Chemistry in October 2002?
- Which New Zealand-born crime novelist shares their surname with a forensic test for arsenic?
- Georgette Heyers' *Behold, Here's Poison* is a detective novel that takes its title from Shakespeare. What was the poison?
- A is for Arsenic* is a book written by Kathryn Harkup about the poisons used in the novels of which famous crime writer?
- The following excerpt is from the short story *Lord Arthur Savile's Crime* - but which famous playwright wrote it?

'Lord Arthur ... found a very complete account of the properties of aconitine, written in fairly clear English. It seemed to him to be exactly the poison he wanted. It was swift - indeed, almost immediate, in its effect - perfectly painless, and when taken in the form of a gelatine capsule ... not by any means unpalatable.'

Solutions: 1. Sherlock Holmes 2. Ngaiio Marsh 3. Nicotine 4. Agatha Christie 5. Oscar Wilde

Entry form

There are four prize puzzles on this page: cryptic crossword; quick crossword; wordoku; and science scramble. For each puzzle, a winner will be selected from all the correct entries received and awarded a £25 UK book voucher.

You can enter any or all of the prize draws, but each entrant is only eligible to win one of the individual puzzle prizes each month.

Please enter your details below and email a scan or photograph of this page with your completed entries to us by **21 August 2023**. The winners of this month's puzzles will be published in the September 2023 issue, along with the solutions.

Email: chemistryworld@rsc.org

Name

Address

.....

Participants are advised that any personal information supplied will be processed in connection with this competition and only in accordance with our privacy statement (www.chemistryworld.com/privacy).

August 2023 Word grid

Use the element symbols from the panel on the right to complete the word grid below.

				S
P		N		
P			O	N
Er		N		
S		Er		S

Co	Ge
H	I
K	Li
Ne	Pa
Si	Ti

July 2023 solutions and winners

Cryptic

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

Quick

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

Wordoku

The drug used to treat high blood cholesterol levels was EZETIMIBE

Science scramble

1 Gar; 2 Rang; 3 Anger; 4 Danger; 5 Gendarme; 6 Andre Geim

Word grid

Please see correction on p4

July winners

Science scramble
Teresa Sinclair
Baldersdale, UK

Wordoku
RA Reed
Stoke-on-Trent, UK

Cryptic crossword
Philip Evans
Little Shelford, UK

Quick crossword
Sue Matejtschuk
Hitchin, UK