

March 2021 wordoku

									A
		T	C		Z	M			C
	M	C	T		N	Z	A		E
E									I
S			Z		A				M
									N
Z			S		M				S
	I	A				S	Z		T
		E				T			Z

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 the name of a fungicide that used to be widely used on stored potatoes.

March 2021 crossword

1	2		3		4		5		6		7		8
							9						
10													
							11						
12													
							13				14		
15		16		17					18		19		20
21													
							22						
23		24											
							25						
26													
							27						

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 **20 March 2021**. The winners of this month's puzzles will be published in the April 2021 issue, along with the solutions.

Email: chemistryworld@rsc.org

Name

Address

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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).

March 2021 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

- Not out (2)
- Metal mined in southwest England (3)
- Not fat (4)
- Contemplate (5)
- Title bestowed by British royalty (10)
- X-ray crystallographer and Nobel laureate (7, 7)

Cryptic

- Across**
- Can confuse naive polymath (8)
 - Disbelief about heartless Irish endlessly smiling (8)
 - Hang around till just before dawn? (3, 5)
 - Surprisingly stays so I achieve equilibrium? (8)
 - Leaving King's Head, I can't talk about the ocean (8)
 - Obese lot somehow redundant (8)
 - Bravo when runner upset rocket scientist (7, 3, 5)
 - Large tin perhaps essential (8)
 - Copper scours around supports (8)
 - On arrangement calibrates, eradicating extremely small bugs (8)
 - Gas about ringtone (8)
 - Take a different position about the East? (8)
 - Hides discharges (8)

- Down**
- Voltaire left right away, turning temperamental (8)
 - Norman nice about the spice? Er, no! (8)
 - Bad to leave vegetation on the turn (8)
 - Vain consultants distributed drugs (15)
 - US chemist cops broken limb (8)
 - Not near American metamorphosed mineral (4)
 - Repay me around November? Heavenly! (8)
 - Odd extra letter (3)
 - Physicist brewing final ale to order (8)
 - Even parrots sort of squeal (3)
 - Clean icy hinge needing treatment (8)
 - Charlie crashed Cortina? Dope! (8)
 - Haribo sometimes contains living matter (8)
 - Used Zen oddly, twisting free to relax? (8)
 - Explorer in the kitchen? (4)

Quick

- Across**
- Forked (8)
 - 9, 12 Across One of Dorothy Hodgkin's students, who later became prime minister (8, 8)
 - Japanese physicist and Nobel prize winner (3, 5)
 - Small species of turtle (8)
 - See 9 Across
 - Bicyclic compound, a fusion of benzene and pyrazole (8)
 - Devices that convert electrical energy into thermal energy (7, 8)
 - Figured out (8)
 - Transferring 18 Down to a more energetic state (8)
 - Functional group of organic acids (8)
 - Tympanic membranes (8)
 - Vanish (8)
 - VO₄³⁻ (8)

- Down**
- Ethyl carbamate (8)
 - Deciduous tree, genus *Castanea* (8)
 - Rubbish bin (5, 3)
 - Creator of the periodic table (6, 9)
 - Soviet physicist who jointly received the Nobel prize for the discovery of Cherenkov radiation (4, 4)
 - Let fall (4)
 - Skunks for example (or some cryptic crosswords!) (8)
 - Possess (3)
 - Surname of brother and sister astronomers (8)
 - ___ Lovelace, English mathematician and writer who worked on Charles Babbage's analytical engine (3)
 - Forms of the same element differing only in the number of neutrons in the nucleus (8)
 - Negatively charged particle (8)
 - Click beetle (8)
 - Send (as in radio waves for example) (8)
 - Harvest (4)

February 2021 solutions and winners

Cryptic crossword

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

Quick crossword

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

Wordoku

The British geneticist was Linda PARTRIDGE

Science scramble

- Elk
- Lake
- Alike
- Alkaline
- Nikola Tesla

February winners

- Science scramble**
John Campbell
Cardiff, UK
- Wordoku**
Martin Wesley
Luton, UK
- Cryptic crossword**
Tim Watkinson
Southampton, UK
- Quick crossword**
Marco Albertini
Bar Hill, UK

Mark Foreman works in the nuclear chemistry and industrial materials recycling section at Chalmers University of Technology, Sweden. Electronics are high voltage devices, and specialist skills, tools and knowledge are required to work safely with them. If you find or suspect corroded cadmium surfaces, it's important to avoid any activity that creates or spreads dust. The antiquities collector should dispose of the radio at a licensed waste disposal site, not his dustbin. While storing and transporting the broken radio, seal it in a plastic bag. If he really wants the radio repaired, expert advice must be sought first - valued.

On the spot

Answer to On the spot

