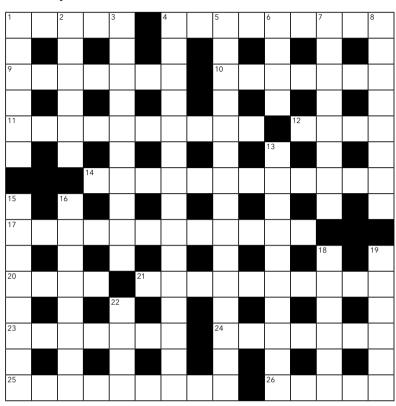
## February 2021 wordoku

	G	Е					I		Α
S		I			G				D
			S	Т	Ι				Е
	S		D					G	G
E		Т				S		А	I
А					R		Р		Р
			I	D	Е				R
			А			Р		-	S
	А					D	S		Т

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 British geneticist, known for their work on the biochemistry of aging.

## February 2021 crossword



# **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 February 2021**. The winners of this month's puzzles will be published in the March 2021 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).

# February 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

Largest species within the deer family (3)
Pigment made from dye and mordant (4)
Similar (5)
Basic (8)
Inventor, eponymised by an electric car company (6, 5)

### Cryptic

### Across

- Fabulist rearranging a pose (5)
- Medic's oil treating dwellings (9)
- Drunken teens we appease (7)
- 10 Surprisingly spare the Spanish fall from grace (7)
- 11 Cross about our senate? Unnecessary! (10)
- 12 Group left May in a pickle (4)
- 14 Mob ranted about Obama's regular attacks (12)
- 17, 26 Across Old peasant forging fancy piece of lab kit (12, 5)
- 20 I left taint taken from tantalum salt (4)
- 21 Ability to cope with cement perhaps (10)
- 23 Learnt about final procedure it's intestinal (7)
- 24 Metal humidor refurbished (7)
- 25 Opacity of dirty tub I ordered (9)
- 26 See 17 Across

#### Down

- A little Faust engages writer (6)
- 2 Perfumes with meaning by the sounds of it (6)
- 3 Greek philosopher turns potash gray (10)
- Swiss physicist and mathematician led liberal union abroad (6, 9)
- True eery epigram about this element discoverer (10, 5)
- Battery room (4)
- Photographic pioneer revised map in Poland unevenly (8)
- Needless initial change of course to find grapes? (8)
- 13 Discharges same nation on arrangement (10)
- 15 Cad upsets Janet next door (8)
- 16 Excited about a bet? (8)
- 18 Some find I got colour (6)
- 19 Dutch physicist oddly ignored Penny around maze (6)
- 22 Sheep discovered in Palmyra ruins (4)

### Quick

### Across

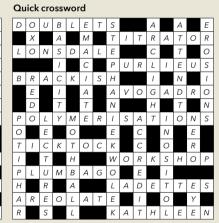
- 1 Muscle (5)
- Physicist who studied the speed of light, and was the first US American to win the Nobel prize in a science (9)
- Functional group with the formula C<sub>4</sub>H<sub>5</sub>CO-(7)
- 10 Toxic metalloid (7)
- 11 Assessments (10)
- 12 Standard markup language for web documents (acronym) (4)
- 14 Experiencing a secondary sensory experience from stimulation of another (such as seeing sounds as colours) (12)
- 17 English private school once attended by William Hyde Wollaston, discoverer of palladium and rhodium (12)
- 20 Chelating agent (acronym) (4)
- 21 Inerudite (10)
- 23 Hg,Cl,(7)
- 24 Entrepreneur who helped bring photographic roll film into general
- 25 Aspartame or saccharin, for example (9)
- 26 Oliver Oliver\_\_\_\_, neurologist and author of many books, including *Uncle Tungsten*: Memories of a Chemical Boyhood (5)

#### Down

- Red lynx (6)
- Top of the forest (6)
- Cellular organism that lacks a membrane-bound nucleus (10)
- Experimental particle physicist who found some of the first evidence for the existence of the top quark (7, 8)
- US American chemist who developed vulcanised rubber (7, 8)
- Simple (4)
- Disinfect (8)
- Piece of jewellery (8)
- 13 People studying the nature of matter and energy (10)
- 15 Subjects such as chemistry, biology etc (8)
- 16 Fortress and prison in Paris, the storming of which was an important step in the French revolution (8)
- 18 Relating to the smallest particles of elements (6)
- 19 Youth of beauty (6)
- 22 Radiate (4)

# January 2021 solutions and winners

#### Cryptic crossword V A N A D A T E R R O S A L I 0 E Ε L MOTHY МО | L | B | L | U | E Ε O I R Т 0 F R A N K L I N E E L H A U L Н D AXOLOTL L C O H O L S М 0 K L A P R O T H



### Wordoku

The alkaloid poison was GELSEMINE

### Science scramble

1 Ra

2 Mar

3 Harm

4 Marsh

5 Marshal 6 Helen Sharman

# January winners

Science scramble Abigail Collins Coventry, UK

Wordoku Laura Wilkins

Oxford, UK Cryptic crossword Derek Chadwick Bromley, UK

Quick crossword Peter Jelfs Worcester, UK

Answer to On the spot

Mark Foreman works in the nuclear chemistry and industrial materials recycling section at Chalmers University of Technology, Sweden.

vicinity and keep well away from any wires drooping close to or laying on the ground. you have found a vandalised substation. It is important to stay well outside the substation due to the risk of electrical hazards. Look around, make sure to avoid touching metal objects in the find a phone number on the entrance to the substation, note down the substation's name and serial number, and phone the electricity company. Otherwise, call the police and tell them that Modern transformer oil sold today is free of polychlorinated biphenyls (PCBs) - but as you have no idea if the oil is PCB-free or not, keep yourself and the dog away from the oil spill. If you can

On the spot

