

May 2011 Chemistry Wordoku

B	C						H	E
	S	H	E		C	A	B	
		A		E		M		
			M		U			
		N		H		S		
	M	C	A		H	E	S	
H	A						U	B

A
B
C
E
H
M
N
S
U

Solve this 'wordoku' in the same way as a sudoku with letters instead of numbers (the nine letters once in each row, column and nine-square cell). Once solved, one of the overall diagonals contains the jumbled surname of a French chemist

May 2011 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	
28													
							29						

Across

- 1 & 8 Down Restyle Ray's horror kit for Nobel Prize winner (3,5,5)
- 6 Ask Al a question and he's in a State (6)
- 9 Safari is off and some distance away (4)
- 10 Airlift ton? Straining! (10)
- 11 Neon tube compound (6)
- 12 Top lake (8)
- 14 Not the elbows affected by tennis joke! (4, 6)
- 16 Tim endures a spell in the joint at the beginning (4)
- 18 Ring leading 25 (4)
- 19 Pentacle so pearly (10)
- 21 Lead Jekyll's alter ego astray to compound (8)
- 23 & 28 Across Char cleans or transforms environmental pioneer (6, 6)
- 25 Saint haters? No just not that keen on salt! (10)
- 27 American on the pull? (4)
- 28 See 23 across (6)
- 29 Electric exercises? (8)

Down

- 2 Get disease when you add nickel to a zinc flue (9)
- 3 Animal sounding husky (5)
- 4 Golly! Fox 'ere for fancy footwork! (11)
- 5 Mixed-up style in this ex-President (7)
- 6 Noble gas with halogen in atmosphere (3)
- 7 Worker at North Pole? No, exact opposite! (9)
- 8 See 1 across (5)
- 13 True praises for Louis' eponymous invention (11)
- 15 Euros gone on gratification (9)
- 17 Legume for primate fanatic (6,3)
- 20 Lab mice lost in old apparatus (7)
- 22 Camelid found in all amateur performances (5)
- 24 Rodent caught by decoy puppy (5)
- 26 Bird appears when tungsten taken (3)

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

Solution to April 2011 crossword

The winner of the April 2011 Chemistry World crossword competition is J Sherwell, Harborne, Birmingham, UK

For a chance to win a £25 book voucher, please send your completed crossword to 'CHEMISTRY WORLD PUZZLE ANSWERS' at the address on p2, fax to +44 (0)1223 426017 or email to chemistryworld@rsc.org by 15 May.

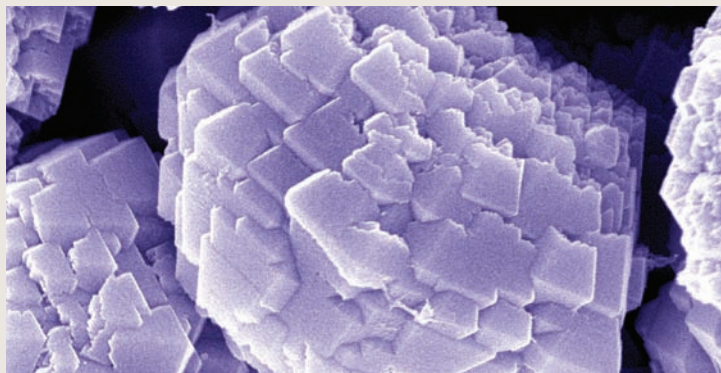
C	I	S	M	A	T	R	U	E
U	E	A	R	I	S	M	T	C
T	M	R	E	U	C	I	S	A
R	A	E	I	M	U	T	C	S
S	C	U	T	R	A	E	M	I
I	T	M	S	C	E	A	R	U
M	U	C	A	E	R	S	I	T
A	S	I	C	T	M	U	E	R
E	R	T	U	S	I	C	A	M

Solution to April 2011 Chemistry Wordoku

The chemical name hidden in one of the diagonals is the mineral cerussite. The winner of the April 2011 Chemistry World Wordoku competition is G Walker, Canterbury, UK

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Through the lens



Novel drum-like Cd(OH)₂ superstructures synthesised by Fen Gao and Qingyi Lu's laboratory, Nanjing University, P R China, on a large scale through a facile one-pot hydrothermal route with the co-existence of ammonia and biopolymer sodium carboxymethyl cellulose solutions (*Chem. Commun.*, 2011, **47**, 4141)