

September 2009 Chemistry Wordoku

	E		C	S		B	N	
					E		A	
			A					E
C	A					E	O	
N	R						S	A
	T	E					C	R
E					A			
	S		R					
	C	T		N	S		E	

A
B
C
E
N
O
R
S
T

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 19th century French chemist, pharmacist and botanist attributed with the isolation of gallic and ellagic acids, pyrogallol and chitin.

N	U	I	O	R	M	T	D	F
D	M	R	I	F	T	O	N	U
F	T	O	N	U	D	R	I	M
M	D	F	U	I	R	N	T	O
I	N	U	M	T	O	F	R	D
O	R	T	D	N	F	M	U	I
R	I	M	T	O	U	D	F	N
U	F	D	R	M	N	I	O	T
T	O	N	F	D	I	U	M	R

Solution to August 2009 Chemistry Wordoku

The chemist's name hidden in the diagonal is (Philip) Mountford, a professor of chemistry at the University of Oxford, UK. He researches in the area of organometallic compounds of the transition metals and lanthanides. The winner of the August 2009 *Chemistry World* Wordoku competition is Q Palmer, Leighton Buzzard, UK.

The winner of this month's chemistry Wordoku will be published next month. For a chance to win a £25 book voucher, please send your completed Wordoku to the address on p2 or fax to +44 (0)1223 426017

Who, where or when?



Answer: (Left to right) - Brian Minchin, Joe Lee, James Crawford and James Cook, Penglas Comprehensive School, Aberystwyth, receiving their prize from Roy Castle at the finals of the Top of the Bench competition in 1992. Top of the Bench is a national competition run by the RSC for 14-18 year old students. The final includes a short test of factual chemical knowledge and a practical chemical problem solving team exercise. A team of students from Bootham School, York, took first prize at this year's national final held in March at Loughborough University.

September 2009 Crossword

1		2		3		4		5		6		7		8
9										10				
11								12						
14		15										16		
18						19								20
22										23			24	
26														
28														

Across

- Erlenmeyer's laconic geometry? (7)
- Lab mice lost in this old apparatus (7)
- Need to be alone sounds like a passion for punch-ups (9)
- Carol capers on reef (5)
- Suppose to confusingly amuse leading sportsman (6)
- Kitchen implement or instrument (8)
- Fit latrine to break through (10)
- Galvanised by hidden element of muezzin call? (4)
- Highway contained in broader picture (4)
- Retain neon in mirror image (10)
- Sub spots places to alight (3,5)
- Old salt appears when senior nurse replaces top medic with leading neurologist (6)
- Vassal in Belgian city (5)
- Disintegrating when I sing to Ma (9)
- Sum (3,2,2)
- Compound created when zoo in West African country loses top okapi (7)

Down

- Bread found by chap at Indian restaurant? (7)
- Technical enthusiasts found disorientated in Dresden after Ed disappeared (5)
- Limo came unstuck for Daisy (8)
- Sounds like this cat found on the golf course (4)
- Biomarker begun by Stuart Leslie Goddard? (10)
- Coinage produced when copper does a twist (6)
- Bully Emir into elemental state? (9)
- Irrigation of the nether regions (7)
- Instrument with a thousand keys? No, normally just 88 (5,5)
- Left dames bemused by astronomer (9)
- Obsession with nitrogen (perhaps)? (8)
- Rash to massage girl (7)
- Man Ray? No, man of rays (aka X) (7)
- Peter's puzzled actress? (6)
- Horn I played to pachyderm (5)
- Exploding device found in a certain type of calorimeter? (4)

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

Solution to August 2009 crossword

The winner of the August 2009 *Chemistry World* crossword competition is R Mortier, Swindon, UK

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