

November 2006 Chemistry Su Doku

		Sn		S		Se	Sm	Sc	
									Sr
		Sr				Sn	Sg		
		Sg				S		Se	
		Sb	Sc			S	Sg		
		Sn		Si		Sm			
			Sr	Sm				Sb	
Sm									
Sg	Si	Sb		Se		Sn			

S
Sb
Sc
Se
Sg
Si
Sm
Sn
Sr

Ensure that each row, column and nine-square cell contains each of the chemical elements, shown to the side, once

Cr	Cf	Ca	C	Cl	Ce	Cu	Co	Cd
C	Cl	Cu	Co	Cd	Ca	Cf	Cr	Ce
Ce	Cd	Co	Cf	Cu	Cr	Ca	Cl	C
Co	Cr	Cl	Cd	Ce	Cf	C	Cu	Ca
Ca	C	Ce	Cr	Co	Cu	Cl	Cd	Cf
Cf	Cu	Cd	Ca	C	Cl	Cr	Ce	Co
Cd	Co	Cr	Cu	Cf	C	Ce	Ca	Cl
Cl	Ca	C	Ce	Cr	Co	Cd	Cf	Cu
Cu	Ce	Cf	Cl	Ca	Cd	Co	C	Cr

Solution to October 2006 Chemistry Su Doku

The winner of the October 2006 *Chemistry World* Su Doku competition is P Skelly, Bedford, UK

The winner of this month's chemistry Su Doku will be published next month. For a chance to win a £25 book voucher, please send your completed Su Doku to the address on p2 or fax to +44 (0)1223 426017 by 12 November.

November 2006 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								

Across

- Vibration shakes up colonialist (11)
- Use final piece of log as fuel (3)
- Asian graduate was resting (5)
- Bribe son with small banknote, but only half-heartedly (9)
- Reflect on stone circles without conditions (2,7)
- Confused when on a cruise? (2,3)
- The volunteer force that shows character (5)
- Company processed a lichen to produce a scarlet dye (9)
- Doctor ordered cure-all consisting of very small particles (9)
- Radon getting out the other way (5)
- Embarrass one attending party (5)
- Idiot's money is used to obtain non-precious mineral (5,4)
- With dismay boos a non-starting horse (9)
- Mineral aggregate containing chestnut pigment (5)
- Alkaline solution absorbed by polyethylene (3)
- Heat engine provides transport of choice for a non-environmentalist (6,5)

Down

- Open hostilities meeting at first little resistance (3)
- Weapons used for stabbing conservative old pirate it's reported (4,5)
- Hen's killer cut off the head (5)
- Sick canaries need liquid medicine containing a poisonous element (9)
- Some cosmeticians returned such articles (5)
- Charged species found after you've tipped acid in chemical reaction (9)
- Provide information on American taxonomic grouping (5)
- Suffering derailments like some high-speed trains (11)
- A very short spell is what the jailbird would have preferred (2,4,2,3)
- Hot cocoa - I'll order it? Probably not (9)
- Abrasive diner perhaps has trouble swallowing half a sweet (9)
- Tripe cooked with chou is rich in nutrients (9)
- Big example of this fruit can be found in the US (5)
- Roof put up to cover piece of level ground (5)
- One taking part in short race - he shows great control in adversity (5)
- Watch closely in both directions (3)

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

Solution to October 2006 crossword

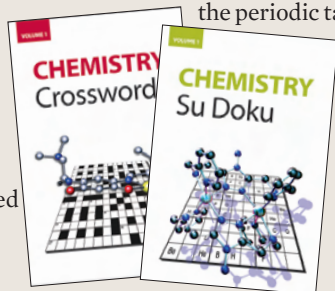
The winner of the October 2006 *Chemistry World* crossword competition is P S Hitchins, Maldon, UK

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