

# WESTGATE SCIENCE CLUB

issue 19

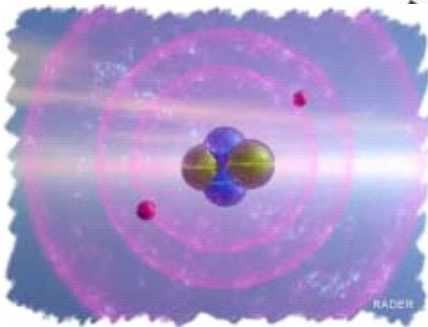
18 JANUARY 2013



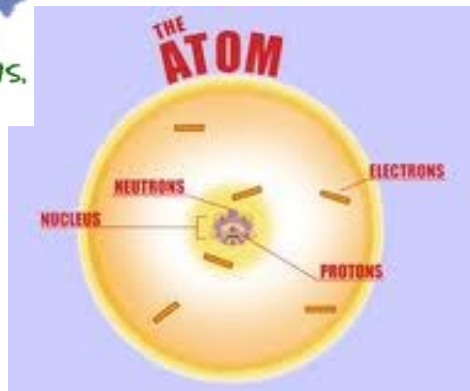
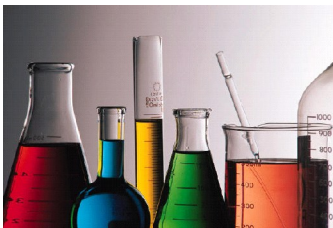
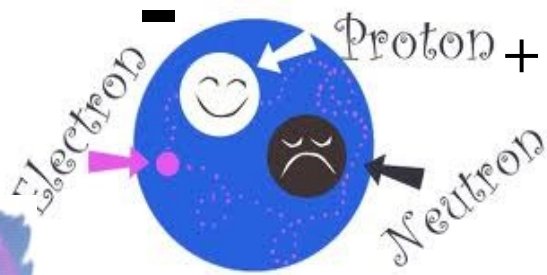
## making science cool

118 ELEMENTS IN THE PERIODIC TABLE

ATOMS & ELEMENTS THE BUILDING BLOCKS OF ALL THAT NATURALLY EXISTS.



ATOMS HAVE THREE BASIC PARTS... PROTONS, NEUTRONS, AND ELECTRONS.



## WESTGATE SCIENCE PUZZLE

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

WESTGATE SCIENCE CLUB  
 ARGON HELIUM(1) KRYPTON NEON (HELIUM 2)  
 RADON XENON BROMINE CARBON  
 CHLORINE FLUORINE HYDROGEN IODINE  
 NITROGEN OXYGEN SULPHUR ALUMINIUM  
 BARIUM CALCIUM IRON GOLD PLATINUM

making science cool with a touch of..

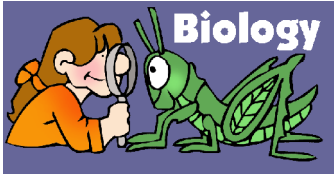
## Astronomy

the heavens, space station, planets, galaxies, black holes and lots more



## Biology

plants, blood, animals  
microscopes, dissection, cells and lots more



**Chemistry** test-tubes, chemicals  
mixing, reaction, ph scale, medicine,  
behaviour of matter and lots more

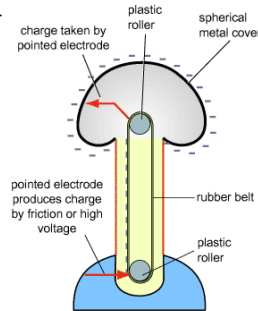


**Physics**-electricity, magnets,  
matter, motion, air pressure,  
solids, liquids, gases and lots  
more

Van Der Graaf Generator



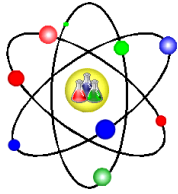
CLUB



WESTGATE SCIENCE

Our own group visit to the  
Saturday Morning  
9th February -





## Westgate Science Club

once a month from September through to Easter.  
2013 - Friday 18 January, 15 February, 15 March  
+ other events.

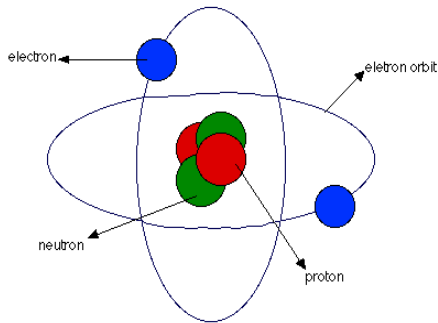
contact Mike Coles Exeter 253064  
contact Naomi Patkai Exeter 466251  
or e mail [westgatescienceclub@gmail.com](mailto:westgatescienceclub@gmail.com)




Meet our own friendly skeleton  
at our Science Club

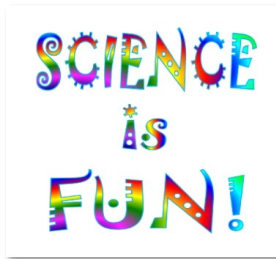


I'm  
on a  
pretty  
good  
diet!

### A model of the Helium atom



-  - PROTON - positively charged subatomic particle
-  - NEUTRON - neutral subatomic particle
-  - ELECTRON - negatively charged subatomic particle



# making science cool for kids

see lots more detail at  
[www.westgatescienceclub.org.uk](http://www.westgatescienceclub.org.uk)