

WESTGATE SCIENCE CLUB

issue 15

OCTOBER 2012



making science cool

What is humidity?

- a an animal
- b liquid gold
- c the presence of water vapour in the atmosphere?

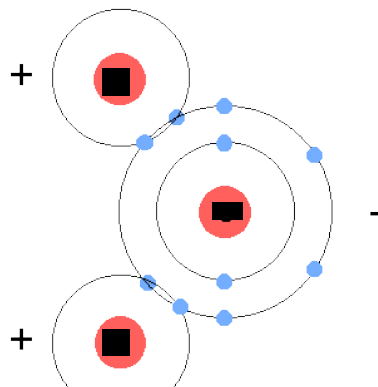


WATER COVERS—how much of the earth's surface ?

A - 50%, B - 60%, C - 70%, D 80% - C - 90% .

Pick from the list below the 2 elements which make up water:
Nitrogen, Helium, Oxygen, Argon, Neon, Hydrogen,

When you have underlined the 2 elements, write down how many atoms of each in water, .2 of one and 1 of another, which ones?

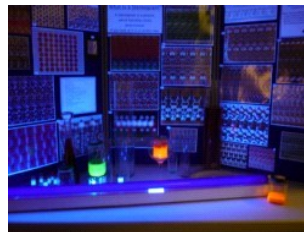


WESTGATE SCIENCE PUZZLE

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

Where in your house can you find the following :

1. Acetic Acid
2. Sodium Chloride
3. Sucrose
4. Citric Acid
5. Hydrogen Oxide



Westgate Science Club

Display of Stereograms under U V light



What does U V stand for ?

What is the green liquid in the jar ?

(we made it on once Science Club)

WESTGATE SCIENCE CLUB
HYDROGEN HELIUM LITHIUM BORON CARBON
NITROGEN OXYGEN SODIUM
MAGNESIUM ALUMINIUM SILICON PERIODIC
TABLE EXETER CHLORINE CALCIUM TITANIUM
IRON COBALT

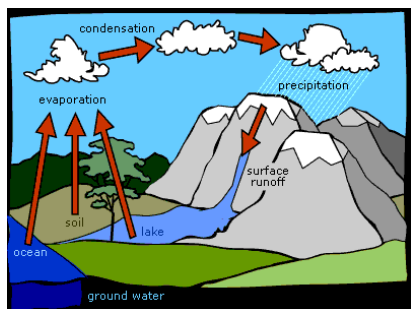
Why do you like the Science Club?
Have you any suggestion for an experiment ?

There will be prizes awarded on 30th Nov given to those who complete the booklets of Sept & Oct Bring them in to the Science Club on 9th Nov



Water Vapour is as the name implies, the vapour form of water. It is totally transparent, just like the rest of the gases in the atmosphere. So, we really can't see humidity with our eyes...only the effects of water vapour condensing back into water droplets (such as the photo on the front page).

THE WATER CYCLE.....



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

WESTGATE SCIENCE CLUB WATER VAPOUR
NAME IMPLIES TOTALLY TRANSPARENT

GASES ATMOSPHERE REALLY EYES EFFECTS
WATER CONDENSING BACK DROPLETS
PHOTO REST PAGE SUCH AS HUMIDITY

Write down here as many uses of water as you can think of....

WESTGATE SCIENCE CLUB

For dates, times & other events see website

The Science Club is held at the Westgate Church Building
(opposite The Picture House),
Bartholomew Street West, Exeter - EX4 3AJ

phone Mike Coles Exeter 253064
Naomi Patkai Exeter 466251
e mail westgatescienceclub@gmail.com

Autumn 2012 dates: Friday 14 Sept,
Friday 19 Oct, Friday 9 Nov, 30 Nov.

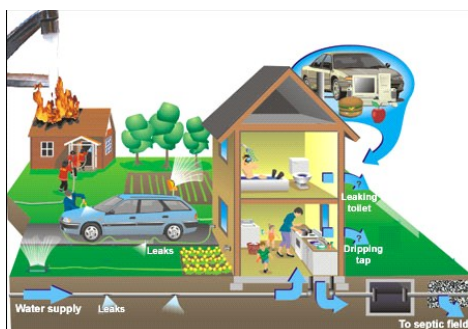
Making Science Cool
for Primary School
Children aged
7 yrs plus.



History...

See what experiments we did on previous club evenings.

at www.westgatescienceclub.org.uk
Slide show and photos on the 'contacts' page



A, B, C, D, E, I

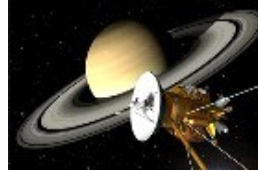
Friday 30th November 2012 - Evening



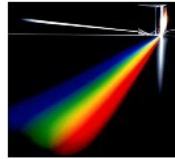
Westgate Science Club Festival

**Invite family & friends
(any age group)**

Demonstration Experiments,
lots of Displays of Science & Astronomy,
Planetarium Show (on large screen)
Telescopes, Microscopes and lots more.



Interactive Models



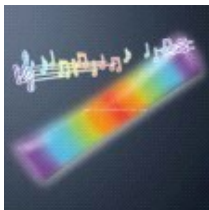
Would you like to present
or help with an
experiment? Contact Mike



Visit by members of the
Astro-Physics dept,
Exeter University.



Special Presentations



Hear people talk like
Mickey Mouse!



making science cool for kids

www.westgatescienceclub.org.uk