

The Creative Science Centre – Dr Jonathan Hare

Newsletter Spring 2015

Science ideas, information and inspiration

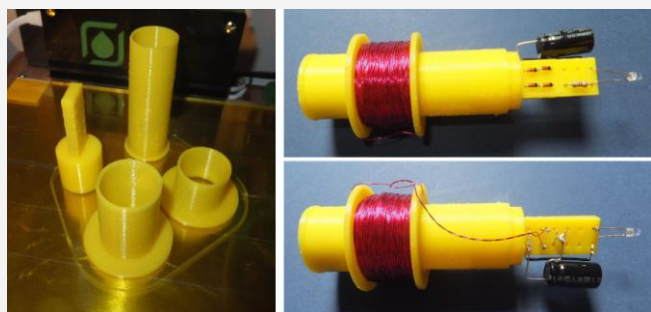
Neuron II with Brighton Science Festival



This was the eighth year of running a full month of workshops with Richard Robinson and the Brighton Science Festival. This year in 'Of all the Nerve' each member of the class become a neuron in a small 30 neural network – then our neural 'brain' played a tune ☺

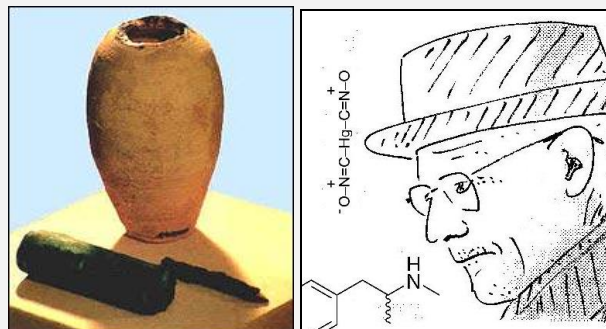
e-mail me for 'Pocket Science festival' details ...

Sussex University shake-a-gen 3D projects



I have been using my 3D printer ideas to fabricate up-dated shake-a-gens for electricity workshops at the Physics department at Sussex University:

<http://www.creative-science.org.uk/3D.html>



The Baghdad Battery – We explore the science of batteries and investigate the mysterious 2000 year old Baghdad Battery.

Some Science of Breaking Bad

Is Walter White's chemistry as spectacular and believable as his own transformation?

FOR DETAILS OF TALKS AND WORKSHOPS I CAN PRESENT AT YOUR INSTITUTION, PLEASE SEE:
www.creative-science.org.uk/tandws.html

OTHER TALKS:

- * Hollywood Science I, II and II
- * Light and Nature
- * Lighthouses and the Fresnel lens

www.creative-science.org.uk

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- * resources * articles * talks
- * workshops * projects * all levels

"Hare is a brilliant communicator: The star of BBC TV's "Rough Science"; his uniquely imaginative website has hands-on demonstrations, talks and workshops which inspire enthusiasm for science in children worldwide" **Sir Harry Kroto, Nobel Prize 1996**

Here's what people say about me.....

"Absolutely fantastic! Our kids were buzzing all the way back to Newbiggin. As I mentioned it's more than just Science, it's about role models and aspirations and this visit provided all three and more."

Rob, Newbiggin Middle School, Science Christmas Lectures, Durham

"I had to write to express my appreciation of your commitment to bring Nobel Prize winning science to children's education ... my little son Tommy, 5 years old, came home thrilled and truly inspired by the workshop and started making his own versions of the C60 molecule."

Vanessa, NAGC children

"I always try to tell them Chemistry is fun and you managed to convince quite a few – so thank you. Your enthusiasm is great and you work well with the [A-level] students – so please continue your great work promoting science."

Cheryl, Esher College

"Thank you very much for your outstanding contribution to last week's Science in Action programme for GCSE students. ... I hope you could see for yourself that you had an attentive and appreciative audience – quite an achievement when you consider that there were eight hundred 14-16 year olds ..."

Radka, Training Partnership, Institute for Education

"It has been an ENORMOUS pleasure to accompany you around Sussex [a month of Brighton Science Festival workshops], many inspiring ideas and deep truths have emerged, so naturally as a result I'm more dazed and bedazzled by the world than I ever was. So it goes. I hope you enjoyed it. I know that 1000 kids did ... "

Richard Robinson, Brighton Science Festival

"It was very inspiring - I think in schools it can be easy to lose that sense of wonder and achievement that can be gained from making things. I am sure you've given many youngsters the encouragement to start tinkering a bit more. The talk was nicely balanced by having a good bit of physics too!"

Ally, IOP, Cambridge University

"Yes, I am most relieved that I can get into the [CSC] web site. And to say that your work is "useful" is quite an understatement."

Jim, school science technician

"Thank you very much for the Chemistry in the movies lecture. I know it went down well because I tried to stop a discussion on the amount of viable oxygen in a car tyre for a good 10 minutes before moving on to inter-molecular bonding! Anyway truly appreciated, thanks!"

John Luton, Varndean College