The Creative Science Centre – Dr Jonathan Hare

Newsletter Summer 2015

Science ideas, information and inspiration

Eight years with the Brighton Science Festival

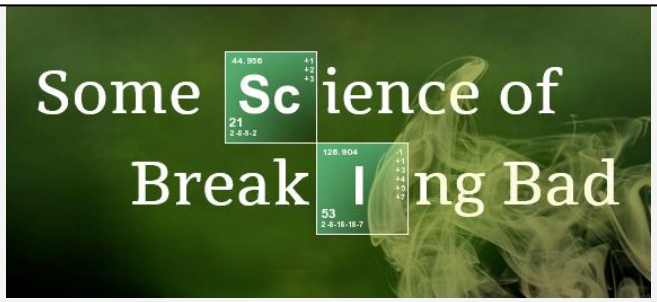
This was the eighth year of our January Sussex School workshops with Richard Robinson and the Brighton Science Festival.

** **Remember** ** we are not just for January! You can book us at other times of the year for Windmill workshops, Potato batteries, The Amazing Machine, Neuron workshop, Moog workshop + much more. See my web site for details.

30 years of C_{60} and fullerene nanotechnology

C_{60} and the Fullerenes were discovered in 1985 and our group at Sussex University found a way of making bulk quantities in 1991. This led to an explosion of activity, to new areas of nanotechnology, applications and the 1996 Nobel prize for Chemistry!

Jonathan will be giving a key-note presentation at the RSCs special meeting in London in July. To keep you up-to-date please book me for a **C_{60} workshop** or **The Carbon Revolution** talk at your school or college.



Some Science of Breaking Bad

Is Walter White's chemistry as spectacular and believable as his own transformation? Find out by booking my **Science of Breaking Bad** talk.

The Baghdad Battery – We will explore the science of electrochemical cells and investigate the mysterious 2000 year old 'Baghdad Battery'.

OTHER POPULAR TALKS:

*** Hollywood Science I, II and III**

*** Rough Science in the classroom**

FOR DETAILS OF ALL THE TALKS AND WORKSHOPS ON OFFER PLEASE SEE:

www.creative-science.org.uk/tandws.html

www.creative-science.org.uk

E-mail: j.p.hare@sussex.ac.uk

*** 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 my work …..

"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 under-statement."
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