



Excellence East
C/O Fulbridge School
Keeton Road
Peterborough
PE1 3JQ

March 2010

Dear Parent or Carer,

Excellence East Events for Able, Gifted and Talented Children in Years 6 - 9

Excellence East is pleased to invite your child to attend an exciting programme of activities being held locally during the June half term holiday.

These events are managed by the Gifted and Talented Regional Partnership and are provided by a number of hand picked specialist companies. Each event is designed to give your child the kind of fun educational experiences they do not have the opportunity to participate in during school time. Each activity is a full day event (10am – 3.30pm), held during the June half term holiday located around the East of England.

Full details of all the courses can be found in the accompanying leaflet. The courses available in the summer term 2010 are:

01.06.10	Sweet Science	University of East Anglia, Norwich
01.06.10	Spaced Out	Anglia Ruskin University, Chelmsford
01.06.10	The Secret Formula	Anglia Ruskin University, Cambridge
02.06.10	Time Travel for Beginners	University of East Anglia, Norwich
02.06.10	Dr Evil's Revenge	Anglia Ruskin University, Chelmsford
02.06.10	Chinese Mandarin	Anglia Ruskin University, Cambridge
03.06.10	The Riddle of the Mummy's Curse	University of East Anglia, Norwich
03.06.10	Famine – Who Lives?	Anglia Ruskin University, Chelmsford
03.06.10	The Philosophy of Science Fiction	Anglia Ruskin University, Cambridge

Booking a place is straight forward. Just select a course from the leaflet and then contact Boost Education on 01603 755404. You will be given confirmation of a provisional place. You then have 7 days to send a cheque for £25, to cover the cost of the course and resources. If you wish to apply for financial assistance, please ring Jill Sherwood on 01733 566990 to obtain the criteria for assisted places.

Please make cheques payable to Fulbridge School and send it to the address above. Please ensure you write your child's name, address, course title, venue and date on the reverse of the cheque. You will then receive confirmation of your booking and further course information.

We do hope you will enjoy the courses; there will be more available next term!

Yours faithfully

A handwritten signature in black ink that reads "John Carter".

Excellence East

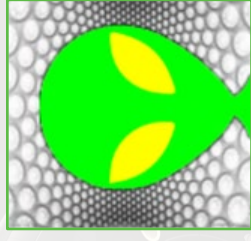
Excellence East Outreach Programme

SPACED OUT



Tackle all the problems of **getting a party of humans to Mars**, and sustaining life there for six months. You will have to calculate the route there and back, taking account of the planets' movements as well as role-playing and **solving a crisis** on the way. During the day, you will be able to take part in a distance conference with a **real space scientist**, and you will design and build a model of a **practical base station** resistant to everything that the Martian atmosphere can throw at it.

The Philosophy of Science Fiction



Are Daleks evil? **Can machines think?** How do we know we are not all robots? **Is time travel possible?** This interactive workshop uses philosophical thinking to explore some of the ideas, puzzles and paradoxes we find in science fiction stories. We will look at some examples from films, books and TV, and explore our ideas using team activities, thought experiments, **mind games** and discussion. These activities go beyond routine thinking and into a more in-depth examination of concepts, values and beliefs. This is a challenging and engaging session of creative and critical thinking – it's also great fun!

The Riddle of the Mummy's Curse



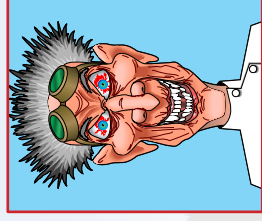
Unwrap part of a mummy, sort through **ancient stomach contents**. Students become **Egyptologists for the day**. Each group receives a letter and a sealed box containing ancient Egyptian remains, canopic jars, sacred relics, bits of a mummy and hieroglyphics on papyrus. Using these delicate remains they have to **discover who killed the young Pharaoh**, Sihathor (a real Pharaoh). Make your own scarab, uncode the hieroglyphics, learn about the curse that continues to this day and above all solve this ancient mystery.

The Secret Formula



Prof. Boffin has discovered a cure for AIDS but is suspiciously found dead in the Managing Director's office. Visit a **crime scene**, find out how **forensic science** works and, through experiments and role-play, **reveal the culprit** from the line up of suspects. Be a real life detective! Use forensic evidence evaluation, laboratory analysis, hair and fibre analysis and chemical reactions to discover who murdered the professor and why.

Dr Evil's Revenge



Dr Evil threatens to **blow up the Houses of Parliament** and our young (008) **secret agents** must stop him before the end of the school day. It's a race by groups of students to find Dr Evil. Students deduce Dr Evil's movements by using **mobile phone triangulation**, fibre analysis, **code breaking**, chemical reactions and **forensic tests** to analyse evidence and draw conclusions. Each time they get a correct answer, they are one step nearer. But if they fail, they have to accept the consequences... A great fun way of using forensics to discover what is really involved in apprehending a criminal mastermind.

Secret Science



Why does chocolate melt in your mouth? Why does corn pop and Space Dust crackle? What makes some sweets taste sweet and others sharp? **Why are marshmallows so fluffy?** Test your tongue - molecules and flavours. Do experiments to find the answers to these and many more questions, and maybe you can **eat the results!** Discover the feel good factor in chocolate. A day packed with **activities to make your mouth water**. Plus help save a struggling confectionery company by designing a fantastic new sweet that will tickle the taste buds!

TIME TRAVEL FOR BEGINNERS

This course is an **introduction to archaeology**. Learn about the approaches and techniques that archaeologists use to understand life in the past from the people who brought you **Channel 4's Time Team**. There are lots of fun hands-on activities in this action-packed course; take part in a quiz about **mystery skeletons**, use 4-dimensional **X-ray vision** to probe the past and find out how much you can tell about someone's lifestyle from their rubbish. Plus take a look at a collection of real finds from an **archaeological site** and work out what you can discover about the people and the time these artefacts came from. A great course for those with inquisitive minds and an interest in history.



10 Most Deadly Animals

This course looks at the **ten most deadly animals on the planet** (plus other smaller less dangerous wildlife!) and is provided by Dr Peter Sutton, a **leading expert** on insects with a very strong interest in aquatic species. He is the **author of a number of publications** including works on water beetles, freshwater crabs and dragonflies and damselflies. The day will include a presentation on the **most dangerous animals on Earth**, and lots of practical work to classify different insect species found in UK ponds and rivers, and other fascinating minibeasts including spiders. **There will be some surprise wildlife visitors as well!!!**



CHINESE MANDARIN

An introduction to Chinese Mandarin. If you have ever wanted to know how to **greet someone in Mandarin** and learn the basics of the language then this is the course for you. Learn about China's geography, history, culture, regions and cities. Come away from the day being able to impress your friends with whole sentences in Mandarin. Plus discover the intricacies of Chinese letters and **calligraphy**. Try your hand at a **traditional Chinese instrument** and play along to create some **authentic Chinese music**. This course is packed full of art, language, geography, music and above all fun! A perfect opportunity to sample the wonders of Chinese Mandarin.



Famine - Who Lives?

Today you will face the **real dilemmas of famine relief organisations**. With a million refugees flooding into Umbago from war torn neighbouring Timbai you must set up and manage an emergency relief camp. But with limited food and water, who gets fed? You decide. This **simulation of emergency relief** dramatically highlights and explores **moral and ethical dilemmas** as well as the practical issues of day to day management. Our teams, representing various relief agencies with their own priorities, even have to work out **which tribes can peacefully coexist** next to each other in the camp. It will be harrowing but you will emerge wiser and with a deeper understanding of what the real world holds for many people. **A famine relief lunch is included.**



Booking a Course

- Choose the course, venue & date you prefer (see attached letter for dates and venues).
- Call Boost Education on 01603 755404 to make a provisional booking.
- Make cheques payable to: 'Fulbridge School' write your child's name, course, venue and date on the reverse.
- Send in your cheque to: Excellence East, C/O Fulbridge School, Keeton Road, Peterborough, PE1 3JQ.
- On receipt of your cheque your booking will be secured.
- About 7-10 days before the event takes place the course information, invitation and map will be sent to you.

