



8 February 2017

Dear Parent(s)/Carer(s),

**Year 8 trip to 'The Big Bang UK Young Scientists & Engineers Fair' –**

**Wednesday 22 February 2017 at New College, Basford Hall, Nottingham**

Careers aspirational work, advice and guidance occurs every year at Nottingham Free School. It is our aim that our students have the skills, qualities and capabilities required by not only the UK labour market, but the global job market too.

In connection with ASPIRE, which is part of Nottingham City Council, we want to ensure that students develop the key employability skills required by employers. Our students need to be 'well rounded' with the ability to stand out from the crowd.

The Big Bang programme plays a vital role in inspiring the UK's future scientists and engineers at a regional, local and school level, encouraging more people to take these subjects, as well as celebrating young people's achievements in science and engineering through displaying their STEM (Science, Technology, Engineering and Maths) projects and letting them talk with engineers and scientists, face to face.

The UK needs many more scientists and engineers and equipping young people with skills in science, technology, engineering and maths is key to their future employability.

This fair is are part of a UK-wide programme led by [EngineeringUK](#) to bring science and engineering to life for young people.

For this event, we have been allocated 3 workshops to attend;

### **Tour and Exhibition**

As part of the tour and exhibition activity, students will be able to see the latest facilities at the new Basford Hall campus and interact with different STEM exhibitors, as well as experiencing a 3D printer and virtual welding, whilst also having the opportunity to hold a Giant African Snail.

### **Immersive Theatre**

In this workshop, students will have an opportunity to participate in a unique 360 degree immersive experience covering environmental issues, STEM and space, experiencing what it's like flying through space or flying through the sky.....not to be missed.

### **Exotic Zoo**

Exotic Zoo will showcase a number of animals and creatures from around the world. Students will learn how these creatures adapt themselves to their environment and the impact climate change and humans are having on their survival.

Nottingham Free School, The Courtaulds Building, 290 Haydn Road, Nottingham NG5 1EB  
Telephone: 0115 896 4949 | Email: [contact@nottinghamfreeschool.co.uk](mailto:contact@nottinghamfreeschool.co.uk) | Website: [www.nottinghamfreeschool.co.uk](http://www.nottinghamfreeschool.co.uk)

Executive Headteacher: John Tomasevic B.A. (Hons) Econ. M.Ed. N.P.Q.H. N.L.E.  
Head of School: Jenny Brown B.Sc. (Hons) P.G.C.E. N.P.Q.H.

## Medical Mavericks

In this workshop, Medical Mavericks will deliver exciting hands on workshops using real medical kits to explore how the body works and explain why Doctors perform specific tests. Students can watch their friends become human Guinea Pigs.

The event starts at 9.30am and will be finished by 12pm, ensuring students return to school in time for their lunch. We will be travelling to and from the venue by coach and there will be no cost incurred to you. Students are expected to wear their normal school uniform.

Unfortunately we have only been allocated 50 places, so they will be made available on a first come first served basis, by completing the reply slip below and returning it to the school office by **Friday 10 February 2017**.

If you would not like your son/daughter to take part, please also complete this section on the reply slip below returning it to the school office by **Friday 10 February 2017**.

If you have any queries, or would like to discuss this further, please do not hesitate to contact me by emailing [kgray@nottinghamfreeschool.co.uk](mailto:kgray@nottinghamfreeschool.co.uk).

This is an exciting opportunity and will be the first stepping stone to the world of work.

Yours faithfully

A handwritten signature in black ink that reads "K Gray". The signature is written in a cursive style with a large initial 'K'.

Mrs Kay Gray  
Assistant Head

**Please complete and return to the school office by Friday 10 February**

**Year 8 'The Big Bang UK Young Scientists & Engineers Fair'**

**Wednesday 22 February 2017**

**New College, Basford Hall Nottingham**

Name of student: \_\_\_\_\_ Tutor Set: \_\_\_\_\_

We/I give permission for my/our son/daughter to attend the 'The Big Bang' event

We/I don't give permission for my son/daughter to attend the 'The Big Bang' event.

Parent/Carer signature: \_\_\_\_\_ Date: \_\_\_\_\_