



Headteacher: **Mr J Grant**

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November 2015

Dear Parent/Carer

### **Stargazing Live Event at the University of Sussex**

Stargazing Live will once again be airing on the BBC in January 2016. The University of Sussex physics department will be running a day of astronomical activities to coincide with the programme on Wednesday 13<sup>th</sup> January 2016. There will be a range of fun, interactive and demonstration filled lectures and activities. They will include:

- 'beyond invisible' how astronomers use different types of light to work out what the universe is doing
- explore nuclear fusion with Lego
- exploring the solar system with inflatable planets
- the Sun – our dynamic, neighbouring star
- a planetarium show where students learn how astronomers use the electromagnetic spectrum, the most powerful telescopes on Earth and in space
- play 'guess the gas'
- a guide to using the universities telescopes and what can be seen in the night sky

The day will provide an insight into studying a STEM subject at university plus experience of being an astronomer. Student's will get to find out about the universities research including exploring the cool universe and an ask astronomer session.

This exciting stargazing event for year 9 students is being held at the University of Sussex on Wednesday 13<sup>th</sup> January from 11.00am–2.30pm and we would like to offer your child the opportunity to attend.

We will be leaving school at around 10.00am and will return at around 3.15pm, depending on the traffic. The trip is free of charge and lunch is provided. Insurance for all school trips is arranged through West Sussex County Council. Full details of the policy can be found on our website at [http://www.sackville.w-sussex.sch.uk/?page\\_id=26728](http://www.sackville.w-sussex.sch.uk/?page_id=26728).

If you would like your child to take part please return the reply slip attached to Mr Wilcox.

Yours sincerely

Mr P Wilcox  
**Leader of Physics**



To: Mr Wilcox

**Stargazing Live Event at the University of Sussex**

Name of student ..... Form .....

I would like my child to take part in the Stargazing Live event at the University of Sussex on Wednesday 13<sup>th</sup> January from 11.00am–2.30pm.

We will use the emergency contact details we have on our database for your child for this trip. If however, the contact details will be different for the duration of this trip, please fill in the details below.

Emergency contact telephone number .....

Emergency contact name (please print) .....

Signed ..... Parent/Carer    Date .....