



# NEWSLETTER

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11 March 2016



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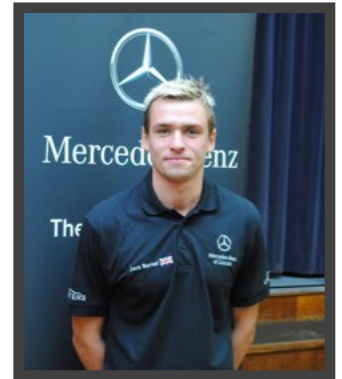
## Useful Dates

- 14 Mar Year 12 & 13 National Apprenticeship Show
- 14 Mar Year 8 Team Maths Challenge - LSST Lincoln
- 14 Mar PTA Meeting - 7.00pm
- 17 Mar School Production Dress Rehearsal
- 18 Mar Year 12 LSST Oxbridge Conference
- 18 Mar School Production Performance - 7.00pm
- 19 Mar School Production Performance - 7.00pm
- 22 Mar Year 11 Study Skills Day
- 23 Mar Year 10 'An Inspector Calls' - Leicester Curve Theatre
- 24 Mar Year 11 Vaccinations
- 24 Mar **LAST DAY OF TERM**

Dear Parents/Guardians

A short half term means March is busy at the High School.

This week students and staff were excited to welcome Jack Burnell, Olympic Swimmer and one of the first British athletes to qualify directly for a named place at the 2016 Rio Olympics, to the school. He talked to Years 11-13 in assembly about motivation and hard work! My thanks to Mr C Norris (father of Poppy Norris in 7L) from Mercedes-Benz and Smart of Lincoln – who played a key part in organising his visit.



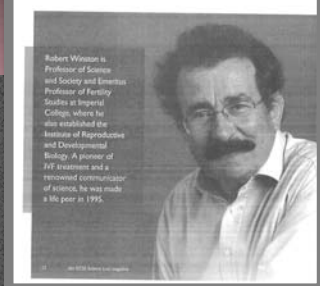
Thank you too to all mothers who gave up their chance to have Mothering Sunday lunch cooked for them at the weekend. The school production has reached dress rehearsal stage and over 50 students spent last Sunday treading the boards in preparation for the two 7pm performances on 18th and 19th March. Tickets are available from the school Reception. Please do come and support the cast and crew.

Mrs J Smith  
Head of School





# SCIENCE



On 2nd February the Science Department took Year 10 students to see Science Live.

Science Live is set up to give GCSE students, with a particular interest in Science, an opportunity to meet and listen to some of the best scientists speak about their specialism.

We went to Sheffield and were privileged enough to meet Professor Steve Jones – an Emeritus Professor of Genetics, Dr Maggie Aderin-Pocock – PhD in Mechanical Engineering, Professor Lord Robert Winston – Professor of Fertility Studies, Dr Kate Lancaster – Physicist currently working on global projects and Professor Dave Cliff – BSc in Computer Science and Masters and PhD in Cognitive Science. All five gave incredible speeches and really inspired me and many others to get into Science.

Professor Steve Jones enthralled his audience with his Nature, Nurture or neither argument. Professor Jones explained how plenty of things run in families – the Royal British Crown for example – and how more often genes and environment work together and their importance varies under different circumstances.

Dr Aderin-Pocock fascinated us with a recent theory that there could be a 9th planet in our solar system. Dr Aderin-Pocock has won a number of awards including an MBE and is currently a presenter on BBC Four's 'The Sky At Night' and has also managed to set up her own company which she runs in her spare time.

Professor Lord Robert Winston is very well known nationally for his fertility studies. Some of his main contributions to this were his development of precision surgery on fallopian tubes and his ground-breaking work on a technique known as pre-implantation genetic diagnosis which allowed the screening of embryos that would otherwise develop life changing genetic diseases.

Dr Kate Lancaster spoke to us about nuclear fusion and how it actually works. Fusion is what powers the sun and stars, however, for projects based on Earth we use Deuterium and Tritium as when they fuse together they hopefully release a large amount of energy. No projects are yet big enough for nuclear fusion to be as efficient as the sun, however, global projects are underway to try and make nuclear fusion the future of energy.

Professor Dave Cliff is a computer scientist who has assisted in the progress of technology over the past 50 years, however, the next 50 promises to be a period of even faster progress of technology. The aim of his presentation was to get across to the audience the immense possibilities for the evolution of technology.

Overall Science Live was a great trip which everyone enjoyed as it really opened our eyes to what a difference a team of people can make to everyday life, whether that is through ground-breaking medical research or theories about what may be in space, every person has an important part to play and I am sure we are all anxiously waiting to see what the future holds for Science.

By Emily Colman (10A)

## Lunchtime and After School Revision Sessions

At this stage in the year staff begin to offer lunchtime or after school revision classes on specific topics to Year 11 students preparing for summer GCSE examinations. A copy of the timetable is available from Year 11 form tutors. The sessions are optional and staff encourage students to check with their teachers on the topics being revised in each. The sessions are a useful and complimentary addition to revision programmes in class, as well as students' own revision schedules. They are especially helpful for students who may have been away for a particular topic, simply want to go back over something studied earlier in the course or for extra reassurance. As a rough guide for parents we advise that the Easter holidays are a good time for GCSE and A Level students to start committing to a planned revision schedule.

(School assessment week across subjects for Year 9 students took place this week. Year 7 have a week of assessments in class the week beginning 11th April, whilst Year 8 and 10 have assessments the week beginning 6th June).



# LIBRARY OPEN EVENING

On Friday the 5<sup>th</sup> of February the Library at KSHSSA had its first ever open evening. As it was National Library Day the Library opened so that teachers and parents could see how the Library was run.

It started with tours around the Library and refreshments were served. Then there was a quick powerpoint presentation by Mrs Wallis (Learning Resource Manager) about a day in the life of the Library. After that Library Captain Badges were given out.

Finally some girls performed poems which included: 'The Dog Ate My Homework' read by Stevie Scott (7L), 'The Puffin Who Lived in a Muffin' read by Charlie Scott (7L) and 'Winter Blues' read by Ava Newell (7L) and Amelia Snell (7W).

We would like to thank Mrs Wallis for organising the event and we would like to thank the Library Captains for coming to help out.

By Stevie and Charlie Scott  
(Library Assistants)



## 'Open Mic' for World Book Day

On March 3<sup>rd</sup> (World Book Day) we had a special 'open mic' event in the Library. It was hosted by Mrs Wallis (Learning Resource Manager) and Scarlet Desorgher (9F) and I found it really interesting.

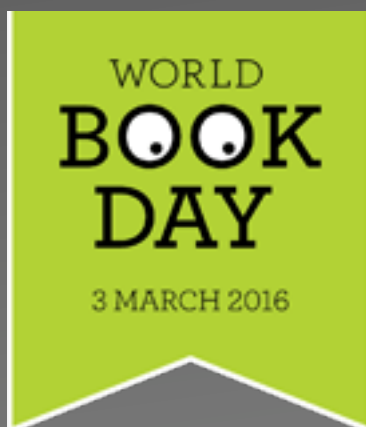
There were lots of different genres - people read poetry, and extracts from books, and not forgetting Mrs Wallis' amazing guitar playing – it was really good!

Mr Cassidy (Teacher of English) read out some very funny poems. Clary Burn (9L) was amazing reading her own poetry. The year 7s who came up to read were confident and brave as there were a lot of people in the Library.

Mrs Wallis has said there will be more events like this in the future and that Year 7s will have their own 'open mics' in their Library lessons this term.

One student said "It was very enjoyable and fun. It would be lovely to do it again next year and I think many other people would agree!"

By Avelyn Hawthorn-Brownlee (9F), Library Captain



## PE Department - Competition Updates

Fixtures have started again with the lighter evenings following the half term break. It's a busy term with regular matches and the girls have had competition for places in some teams with lots of girls attending practices already.

The Key Stage 3 Hockey team faced a fierce William Robertson team and lost a close game 2v1.

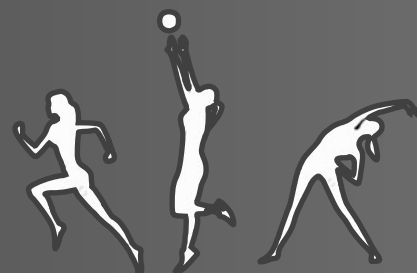
The following day the Year 7 Netball team played brilliantly together to win by a fantastic 15 goals; girls were playing different positions and experiencing the game from the other end of the court by the end. Although some footwork practice was needed we were very happy with the overall performance of the team.

The Year 8 and Year 9 Netball teams also got off to winning starts with brilliant game play; the Year 8 team won 8v2 and the Year 9 team won 15v2 against the Priory Ruskin Academy. The Year 7 team backed up their first win with strong performances by both the A and B teams. KGGS are notoriously tough competition but they struggled against our well prepared teams; the A team won 10v6 and the B team won 10v3.

Other fixtures this week include Year 8 and Year 9 Netball against St George's Academy and Key Stage 3 Hockey against Walton Girls High School.

We'll continue to update you on results in the coming newsletters, fingers crossed for more success!

Miss M Adams  
Subject Leader PE



## Football Success for the Girls

On Wednesday 10th February the KSHSSA U16 Girl's Football team faced a strong St George's Academy squad in the semi-final of the LSFA County Cup competition away at St George's. After battling through the previous rounds, the girls were ready for a hard game to qualify for the Final, and a hard game it was. Half time approached and the score was level at 0-0 after some excellent football was shown by both teams. As full time approached the score was still a nail biting 0-0 and a gruelling twenty minutes of extra time had to be played. Again no goals were scored so the girls faced a penalty shootout; which they won! The girls put on a fantastic performance and brought home a win to secure their place in the Final of the County Cup to compete to be the best school in Lincolnshire. We are now set to face Spalding High School on Tuesday 15<sup>th</sup> March at Ravendale, Lincoln College and the girls are raring to go and ready to take the winning trophy.

Miss M Adams  
Subject Leader PE

Our outfield players: missing our goal keeper.





Kesteven and Sleaford High School  
with students from Carre's and St. George's  
proudly presents:

# 'CHAPTERS'

A New Play by Phoebe Duckmanton



Performances will take place at  
Kesteven and Sleaford High School on..

FRIDAY 18TH MARCH AT 7PM

SATURDAY 19TH MARCH AT 7PM

## **Tickets**

Students- £5

Adults- £7

Family (2 adults and up to 3 students)- £20

Tickets available from Kesteven and Sleaford High School or email:  
[enquiries@kshssa.co.uk](mailto:enquiries@kshssa.co.uk)