

# NEWSLETTER

12th May 2017

[www.kshs.uk](http://www.kshs.uk)**Useful Dates**

20-21 May	Year 10 Bronze Duke of Edinburgh Expedition
23 May	Year 7 Walesby Information Evening
26 May	Bags2School Non-Uniform Day
26 May	LAST DAY OF TERM



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Dear Parents and Guardians

As Year 11, 12 and 13 students are industriously preparing for external examinations it has been a privilege for me to see some of the excellent work they have produced in the final stages of their courses. In some subjects that's in articulate, well-structured essay form whilst in others the most creative or bold designing or making is evident.

As parents you may feel you have experienced every deadline, set back or frustration yourselves but rest assured that there is a wealth of talent that students can feel very proud of. Do come along and see some of the Fine Art and Graphic Communications work on display for example (details at the end of this newsletter).

It's not all hard work though. I will be packing my sleeping bag for a night's camping with most of Year 7 in a few weeks' time; Year 9 are looking forward to their visit to France whilst all students are waiting for the sun to come out to enjoy the summer PE sports and fixtures. We will keep you posted on all of those events and more.

Mrs J Smith  
Head of School

**PTA 100 Club Winners**

April 2017 – Edwin Wakefield –  
Number 34

May 2017 – Tracy Armond –  
Number 3

## GYMNASTICS

On the 23<sup>rd</sup> April I travelled to New College in Leicester with Sleaford Gymnastics Club to take part in the British Gymnastics National Development Plan Regional Grade 3.

I had to compete on floor, vault, bars and beam. For grades we have to show strength and flexibility in an extra rotation called range and conditioning.

After an early start and months of training I managed to pass with Distinction finishing 5<sup>th</sup> out of 27 girls in my age range and to top the day off I got the highest bars score of the whole day.

Kennedy Shelley (7W)





# HISTORY DEPARTMENT EASTER COMPETITION

During the final week of last term, the History department geared up for a very exciting competition.

Students were tasked with making a hardboiled egg decorated to represent an interesting historical character and they produced some absolutely cracking entries!

There were a variety of entries that deserve a special mention, including the Kennedys by Emily Dunham (11F) and Winston Churchill by Lizzie Wakefield (7W).

Lydia Ibbs (7F) however, was crowned the winner, with an absolutely eggcellent portrayal of Queen Elizabeth I.



Well done to all that entered and thank you for all your hard (boiled) work.

Miss R Grindey  
Teacher of History



## Maths Master Classes at Bishop Grosseteste

At the start of the year I attended four of the RI (Royal Institution) Maths Master Classes at the Bishop Grosseteste University in Lincoln. Each class was different from the others and each was fun in their own way.

The first class I went to showed me that Maths really can be used anywhere. During this class Colin Wright, who was teaching, taught us that there is a lot of Maths involved in juggling. He taught me that juggling was a lot more complicated than just throwing balls in the air and catching them again, there were hundreds of patterns that you could throw the balls in. Nearer the end of the class he had us predict how he could theoretically time travel while juggling. The juggling lesson was probably my favourite of the four because it was fun and kept us thinking.

Katie Steckles held the second class which was centered on squares. We were told to pair up with someone to play a game of noughts and crosses. Katie

taught us to use shapes such as cylinders to play our games of noughts and crosses, from there the patterns we used to play the game became more complex until we were playing it on Mobius bands. Katie also showed us how to play noughts and crosses on a Klein bottle which is a four dimensional shape. It was very interesting to learn how we could make a simple game so complex.

The third lesson was probably the hardest; it was led by Alan Davies and was about investigating volumes created by two intersecting cylinders. There were many complicated equations.

Samantha Durbin from the RI ran the last lesson. She taught us how to predict where something, in this case a fire, would spread. We factored in the wind direction, whether it was a hot or cold day and whether there was rain or a drought. This was an incredibly fun lesson and I really liked learning how to predict things such as fire spread mathematically.

I am really happy that I was able to go to these lessons because they were incredible and really opened up my eyes as to how much Maths is used in everyday life.

Ellen Roxby (9MC)



# World of Work Event 2017

The annual World of Work event took place in April for Year 10 students. This year the format was changed to a 'speed dating' style so that students had the chance to speak to all of the guests.

Students' had a set of questions for each guest to find out about their specific career path, training and qualifications required.



Carol from Siemens  
talking about engineering  
careers for women

Year 10 paying full  
attention to the Police

Claudia a local solicitor  
in full swing

## Career areas represented this year were;

The Police  
Law - Solicitor  
Setting up and running a small business  
Pulse CSI (Forensic workshops)  
Architects  
The NHS  
The RAF – Jobs for Linguists  
NHS – Biochemistry  
Life Coach  
Teaching

Apprenticeships- different levels and how to find them  
Siemens

Judging by the feedback from everyone, a most informative  
and enjoyable experience for both students and guests!

If any parents or guardians would like to take part  
in future events such as this I would be pleased to  
hear from you.

Mrs P Hunter  
Careers Leader [pauline.hunter@kshs.uk](mailto:pauline.hunter@kshs.uk)

**NEXT BAG2SCHOOL  
COLLECTION FOR PTA  
FUNDRAISING**

**NON-UNIFORM DAY**

**26<sup>TH</sup> MAY 2017**

**BRING A BAG OF  
UNWANTED CLOTHES TO  
SCHOOL OR PAY £1 TO  
WEAR NON-UNIFORM**

**BAG COLLECTION 20<sup>TH</sup> JUNE**

**THANK YOU FOR YOUR  
SUPPORT OF KSHS PTA**



# ART NEWS

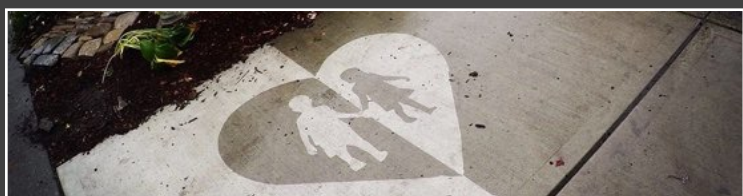
## 'RAINWORKS'

When it's raining look down!



A number of students from different years have been working with YouthNK to create a series of temporary water-activated messages across the school which reveal positive slogans to lift the spirits of students. It is part of the anti-bullying and self-awareness programme. Across the school there are 5 slogans that have been stencilled outside – these can only be seen when it rains – look out for them! All we have to do is pray for rain!

Students that are part of the Youth NK team: Emily Dunham (11F), Emily Colman (11A), Hannah Speight (8W) and Amelia Thompson (8W).



# DIGITAL TIME CAPSULE

Thanks to the students who took part in the joint activity with Carre's Grammar School on the Digital Time capsule which is a project run with Jonathon Worth and Simon Bowen to support visual literacy, digital fluency, local history, self-representation and citizenship.

Students attended workshops at Heckington church with the established photographer Jonathon Worth, where they handled the Luttrell Psalter with representatives from Lincoln Cathedral, a type of time capsule, [http://www.bl.uk/turning-the-pages/?id=a0f935d0-](http://www.bl.uk/turning-the-pages/?id=a0f935d0-a678-11db-83e4-0050c2490048&type=book)

[a678-11db-83e4-0050c2490048&type=book](http://www.bl.uk/turning-the-pages/?id=a0f935d0-a678-11db-83e4-0050c2490048&type=book) received instruction on how to take quality phonographs with phone cameras and specific skills within photography. Instruction was given by Jonathon Worth who has set up this fantastic resource: <https://phonarnation.org/about/> which invites all youth to tell their story using pictures.

Students taking part:

Hannah Ashworth (12A), Emma Lucas (CGS), Grace Williams (12A), Ellie Ormesher (12W), Poppy Coles (9NP), Hester Dakin (9KG), Kyra Britton (9NP), Leah Aston (9NP), Mabel Redgrave (9NP), Eloise Brown (9NP), Georgia Gray (9KG), Megan Dillon (9KG), Molly Ashcroft (9NP), Esme Taylor (9MC), Mariana Sousa (9MC) and Maria Zoltan (9MC)



Kesteven & Sleaford High School

GCSE  
Fine Art

+

Graphic  
Comms

End of  
Course Show  
2017

20-25  
June

10am  
until  
4pm

GCSE Fine Art & Graphic Communication  
End of Course Show 2017  
20 - 25 June  
Carres Gallery, Sleaford  
10am - 4pm