



NEWSLETTER

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Dear Parent/Guardian

Welcome to the latest Newsletter.

As you will see there have been some fantastic trips and events taking place over the last couple of weeks. I hope that you enjoy reading the articles as much as I have.

Best wishes,

Craig Booker
Headteacher

30 Jun	Yr9, 10 & 11 Textiles Trip to the V&A (Alexander McQueen Exhibition)
30 Jun	Yr12 Higher Education Information Evening 7.00pm
1 Jul	Yr10 RAF Cranwell Trip - French/German
1 Jul	Yr11 Prom
2 Jul	Yr13 Prom
2 Jul	Yr10 LGBT Awareness Workshop (period 3)
2 Jul	New Yr7 Induction Evening
3 Jul	New Year 7 Induction Day
4-6 Jul	Duke of Edinburgh Silver Practice Expedition
6 Jul	Yr9 Holocaust Trip
7 Jul	Yr8 & 10 Maths Workshop
8 Jul	Year 5 Open Day and Evening
8 Jul	Yr9 STEM Visit to Cranwell
9 Jul	Sports Day
10 Jul	Sports Leaders Sport Festival
15 Jul	Reserve Sports Day
16 Jul-1 Aug	Operation Wallacea - South Africa
16 Jul	Yr12 Apprenticeship Talk
17 Jul	Yr10 & 12 Drama Workshop
17 Jul	Yr7 & 8 Disco

YEAR 9 TRIP TO FRANCE AND BELGIUM



On Monday 1st June, Year 9 went to France and Belgium for six days to learn about life and death in the First and Second World Wars. The first day was mainly travelling but before arriving at the hotel we went to the Flanders Field museum. We were

given wristbands which could interact with the information points around the building. You signed up at the front and gave information on how old you were and where you were from, then when you went to an information point and scanned your wristband it would come up with something that would be interesting to you.

In the evening we went to the Menin Gate for a memorial service that has been performed every day since 1928, only stopping for the Second World War. They commemorate a different soldier every night. After the Last Post was played and the wreaths were laid we had some free time to look at all the names on the memorial. We stopped for the night in Belgium before travelling to a Belgium chocolate shop, Vimy Ridge Memorial Park, Talbot House and to a WWI graveyard where we realised how young some of the soldiers were and how many fought and died. After my friend and I found one of her relatives we went to Talbot House (a place where the soldiers could relax and forget about their rank) and watched a video which showed what a local girl and a British soldier liked about the house and gave an example of the entertainment they got there.

We then walked around the house, where we played with the board games and the piano before walking around outside just like the soldiers would have done. I enjoyed this because it was more interesting to experience what happened there rather than to just be told. We then went to Vimy Ridge, a Canadian owned memorial park with original WWI trenches and a monument with the names of 11,168 missing Canadians inscribed on it. It was interesting to see how the trench system worked and how narrow and uncomfortable it must have been for the soldiers. The next morning we visited the tunnels at Wellington Quarry and went on a tour in which we were shown how the miners and soldiers lived and worked there. This was very thought provoking as it reminded us that the trenches and the home front were not the only areas involved in warfare. Then we travelled to another memorial park; Newfoundland Park.



Like Vimy Ridge, there were also some trenches here which we went round and as well as having names on the memorial there was a graveyard that we looked at. We then travelled to our last hotel in Normandy which was right next to a beach where we played rounders and volleyball in the evenings. On Thursday we went to Pegasus Bridge Memorial Museum where we saw the original Pegasus Bridge that was liberated by the Allies in under 10 minutes. We also went to a graveyard nearby where we met some veterans who fought in the Second World War. They told us what it was like in the trenches and lots of us found it very emotional to hear their story. We also went to Omaha beach, one of the five used in D-Day. As we were there some fighter planes flew over our heads which helped us to imagine what the day was like. We spent the next day in Bayeux where we wound back nearly 1000 years and visited the Bayeux Tapestry.

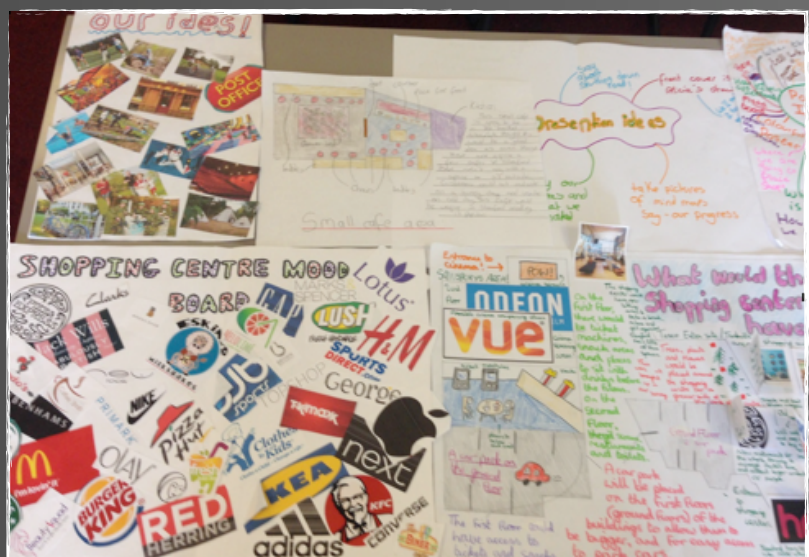
It was amazing to see something so old in such good condition and to learn what the entire story was as it was not just about Harold getting shot in the eye. We then used our language skills to go shopping in the town where it rained for the first and last time that we were there. Overall it was a very nice day so we played rounders with teachers vs students on the beach and the students won. The last day was nearly all travelling but we did get to use our French one last time at a massive shopping centre called Cité Europe. After that we got on the ferry and headed back to Sleaford where we met our parents and went home after a long and exciting week.

By Sophie Halse (9F)

Year 7 Geography – Design a Town Centre Vision Project

Corin Birchall of Kerching Retail approached the school to see if we would like to be involved in a local competition to put forward suggestions to the Town Council on how Sleaford should look in 2030. 7NP Geographers were given the opportunity to work on this project in which they were required to Design a Town Centre Vision. The purpose of the project was to involve local and youthful generations in the process of creating a vision for 2030. Year 7 were keen to come up with ideas and they had to produce a poster advertising services in the town, a mood board with pictures of what it would look like (and feel like), they were also required to complete a presentation and a plan of their ideas. All of the resources and ideas produced were very impressive and 7NP were very creative and had some outstanding ideas. All of their ideas have now been submitted to North Kesteven District Council for judging on Monday 6th July, so it's fingers crossed for all their hard work!

Mrs D Collett
Subject Leader Geography





Rollercoaster Maths at Loughborough University on 19 June 2015

By Mrs K Green, Teacher of Maths

On Friday 19th June 14 Year 10 students, accompanied by Mrs Green and Mr Russell of the Maths Department, went to Loughborough University to attend the Rollercoaster Maths event put on jointly by the University and the Further Maths Support Programme. We started the day off by looking at types of numbers and finding Uninteresting Numbers, defined as

those that didn't belong to any other group (primes, squares etc). Students also drew flow charts to illustrate the decision making process. There was a competition for the best work in this session and out of all the schools there Olivia Crouch (10F) and Kimberley Williamson (10W) won the prize!

The next session involved the students using a jump mat to measure how high they could jump and using formulae to calculate the force they had used for their jump. Another session involved working in small groups with students from another school to solve some challenging puzzles. We also had a tour of part of the campus, led by a

current Physics undergraduate. This helped to give the students some idea of what life on campus is like.

The final session was a talk given by the Education Officer for Alton Towers, which opened our eyes to some of the careers available and some of the applications of Mathematics in a theme park.

Rollercoaster Maths at Loughborough University

By Saffron Jackson (10F)

On Friday 19th June, 14 students from Year 10 went to Loughborough University for a Maths event. In the morning we did some group activities wherein we mixed with other schools and various teachers from the university led sessions. These sessions included looking at rearranging common equations (e.g. speed and velocity), patterns and finding uninteresting numbers. The morning concluded with a tour of the campus led by a student of the university which was useful for us all. After lunch, we split into groups with other schools and solved a series of shorter puzzles which we wouldn't usually see in lessons, to broaden our understanding of the subject (this accompanied by free biscuits to keep us interested...). The day ended with an Alton Towers employee talking to us about the practicalities of Mathematics in the workplace, and opening our eyes to possible future career opportunities! All in all the day was a great experience, and made the subject seem much more useful and dynamic.



MAGNA CARTA

On the afternoon of Wednesday 10th June, myself, Georgina Hands (12A) and Mr Dennis (Subject Leader History) attended a ceremony in Lincoln Cathedral to celebrate 800 years of the Magna Carta. All schools in Lincolnshire were invited to attend and collect a copy of the document, along with an English translation (from the original Latin) and an audio recording. The journey itself was decidedly less straightforward than anticipated: a car crashing into a bridge near Metheringham led to delays on the train, but we arrived into Lincoln with just enough time to speed walk up Steep Hill – something I never want to do again – and got to the Cathedral with a few minutes to spare. The ceremony itself was quite succinct, hearing a translation of the document read in Latin, a few words from Lord Cormack, the Dean of Lincoln and Lord Justice about the importance of the Magna Carta and how it relates to modern life, before each school went up to collect their copy. Overall, it was a thoroughly enjoyable and memorable afternoon, acting as a reminder to the significance that a document can still hold in our modern life 800 years after its creation.

Charlotte Halse (12A)



LITTLE PRINCESS TRUST

Lucy Kinnersley (7LC) has donated 13 inches of her hair to the Little Princess Trust, which takes donations of hair for custom-made wigs for young cancer patients suffering hair loss. Teachers made bids for the opportunity to cut Lucy's hair and the winner was Mrs Tipper. As well as donating her hair, Lucy and the rest of 7LC have spent the last few weeks fundraising for the charity, including a bake sale on the day of the event. Lucy hoped to raise enough money to pay the £350 it costs for a wig for a child. She far exceeded her target and raised over £500!

Mrs L Cook
Form Tutor 7LC



Library News



We have had a Library Captains meeting recently and we decided that we would do several things before the summer holidays. There will be an Alice in Wonderland Birthday Party on the 2nd July and a Book Fair from the 14th to the 21st July. Books will be on sale for under the price of £10. There will be a large variety of books such as Mockingjay, Minecraft, Maze Runner, Model Spy and If I Stay. Every book you buy will help the Library have more new books too!

We have also been doing a survey that tells us what we need to do to get students to use the Library more often!

Also, stock taking will start soon, so all books MUST be returned by the 13th July.

Katya Allen (8A)
Library Captain



Year 8 Geography – Mablethorpe

Visit

On June 11th and 12th 2015 Year 8 Geography students visited the local seaside resort of Mablethorpe. Students enjoyed a variety of activities, all using the sand as their resource for learning. The students learnt about the coastal processes of longshore drift and different types of waves and had to create a role-play showing longshore drift and constructive and destructive waves. They also examined different types of sea defences and considered how they might plan to protect this seaside resort from coastal flooding. Their ideas had to be presented to their teachers and the girls also needed to explain why their methods were sustainable and some of the advantages and disadvantages of their plan. They also undertook geographical surveys and environmental quality surveys of the town and had to then critically evaluate the tourists and local facilities in the town. They needed to create a plan for how they might change / improve or add to the resort to make it appeal to locals and visitors alike. Once again their learning and ideas had to be mapped out in the sand and explained to the teachers. A wonderful experience and the girls were impeccably behaved, so much so, they were rewarded with an ice-cream! Work will continue in lessons with coastal management and they will be producing a project during the summer term.



Mrs D Collett
Subject Leader Geography

GCSE German Trip to the University of Cambridge

Mr Rooke, Subject Leader German, accompanied 4 GCSE students to The University of Cambridge on Saturday 13th June to visit Murray Edwards College. The Department of German and Dutch at the university offered a day of activities around the theme of translation; lectures were given by Klaus Fritz, the translator of the Harry Potter series into German, Mike Mitchell, a translator of German literature into English and Dr John Guthrie, Fellow of Murray Edwards College who began and ended the day and there were workshops for students and teachers to discuss and practise translation. A discussion panel convened in the afternoon with both previous speakers and other translators, including Paul Kaye who works for the European Commission's translation department, and Dr Rowan Williams, Archbishop Emeritus and Master of Magdalene College, to consider the pleasures and pains of translation. Mr Rooke and the students admired the work of translators considering the amount of time and effort which is needed in order to translate both fiction and nonfiction texts into other languages.

Picture from left to right: Olivia Sealy (11W), Libby Beckett (11A), Bella Williams (11W) and Kiera Johnson (11F)



Cranwell Primary School Experience Day

On Friday 12th June Cranwell Primary School held their eighth Experience Day. On this day, pupils have the chance to try a wide variety of new activities, from baking to rugby, engineering to forensics. Some of these activities are led by teachers, while others are led by outside volunteers or older pupils.

Police and RAF volunteers attended, as well as pupils and teachers from KSHSSA.

The KSHSSA Girls' News Team, accompanied by Miss Natley (Teacher of English), went to host a Journalism Workshop. They taught the students about interviewing, article writing, and filming. The GNT also visited many activities, with the help of their primary school pupils, and interviewed teachers and students about what they were doing.

Mr Rooke (Subject Leader German) attended the day and taught some pupils Italian, with word searches and an activity that required them to write a menu in Italian.

In addition, a team of Sports Leaders led by Mrs Stacey (Teacher of PE) helped with the various sports activities on offer such as rugby, hockey, and football. Mrs Stacey commented that "The leaders not only helped the primary students to engage and improve, they were also able to develop their leadership skills as part of their Level 1 Sports Leaders award. Fun and enjoyment was experienced by all involved!"

Two of the six Sports Leaders, Sophie Angel (9A) and Nicole Bell-McTiernan (9A), said that "It was a very memorable experience, and it was a good insight into teaching and leading young people. We particularly enjoyed taking part in the rugby activity, as we were able to get very involved in this, and it was something we hadn't experienced before."

All in all it was a very enjoyable day and all of those who offered an activity and those who took part greatly enjoyed themselves.

By Priya Hall (8F)
KSHSSA Girls' News Team

Pictured Sports Leaders from 9A: Evie Bee, Imogen Agbanobi, Nicole Bell-McTiernan and Laura Bates

Cranwell Primary School Experience Day - STEM Challenge

Recently, KSHSSA's Girls' News Team was invited to run a session on journalism at Cranwell Primary School's Experience Day. The GNT was not the only group; in total there were 42 activities at the school. One group, STEM

(Science, Technology, Engineering and Maths) Engineering, run by Mr Hansford, was very popular as well.

The challenge was to - in teams - attempt to build the tallest tower you could out of either: marshmallows, spaghetti and a set amount of tape; or marshmallows, linguine and a set amount of tape. This did of course prove to be challenging and the pupils needed to apply all factors of STEM and other crucial techniques. Mr Hansford commented that "the pupils will need a great deal of teamwork to complete this challenge; they need to be able to get along and listen to other ideas as well as recognise the Maths and Physics behind everything."

The height of the tallest tower that won was 1 metre and 10 centimetres exactly, and the reason that they got it to be that tall was because they recognised that when the spaghetti is smaller, it can withstand more bulk, and therefore will not collapse due to its own weight.

Though these engineering sessions were successful, there unfortunately was one recurring pattern, which was that hardly any girls participated in this activity. It is a huge problem in society today that there are not enough female Engineers and we do need a lot more, so activities like this can really get people involved. So, if you ever come across an opportunity like this, and have a small interest, you could surprise yourself by how fun and interesting the subject is.

By Ella Hansford (8F)
KSHSSA Girls' News Team

Members of the GNT at Cranwell – Ella Hansford, Priya Hall, Grace Wooler, Rosie Jones, Emily Colman, Tamzen Brenton and Isobel Smith



You can see all of the KSHSSA Girls' News Team articles over at - <https://thechainnews.wordpress.com>

Spotlight on Sport



Although so many girls participate in sporting activities outside of school very few share their achievements and allow us to celebrate their success with them. We would like to take this opportunity to congratulate Hazel Williams (7MC) on her excellent season so far. As a minority sport Orienteering does not often get a headline in the papers and, as a result, competitors have to travel long distances to compete at a high level.

This photo was taken when Hazel was representing Southern Navigators Orienteering Club and her team finished in second place. Hazel had the second fastest leg in the event. During the same weekend Hazel finished in 5th place in the British Long Distance Orienteering Championships in the 12 and under age class. As well as this Hazel became the County Under13 800m champion in May and she has represented Lincolnshire in the Inter-County Cross Country Championships.

Athletic ability is clearly genetic as Bella Williams (11W), Hazel's sister, has also had a fantastic season in her sport! Bella represented the school, district and County in Cross Country and Athletics competitions and Orienteering. Outside school Bella has begun to explore Fell Running. It seems she is a natural as she won the Fell Running Association [FRA] English Championship as an under 18 at Malham in May. As a result Bella has been selected to represent England at the Mountain Racing International Youth Cup in Smolyan, Bulgaria on the 27th June. We really want to congratulate Bella on such an amazing achievement and wish her lots of luck in the competition. Full details of Bella's selection can be found on the England Athletics website.

Mrs M Offer
Subject Leader PE

Armed Forces Day Celebrations Monday, 22 June 2015

Caitlin Roebuck (7MLO) and Kate Harmer (7LC) represented the school at the council offices this Monday in celebration of Armed Forces Day. The flag raising ceremony included speeches by local dignitaries as well as by Air Commodore Chris Luck, the Commandant of RAFC Cranwell who spoke to all assembled. Caitlin and Kate introduced themselves to him after the ceremony and he was keen to hear of the girls' academic interests and their family forces connections.

Mrs J Smith
Deputy Headteacher



Dear Parents and Guardians,

PARENT TEACHER ASSOCIATION (PTA)

As the end of a busy school year is in sight, the PTA Committee are planning meetings and fund-raising events for next year. We are however experiencing a crisis; we need more parent members to join our small but enthusiastic team.

At the moment we are a team of six, made up of three parents and three staff, unfortunately two of our trusty team are leaving in July and will need replacing. Ideally, we need a committee of nine members, to be able to share the committee duties and responsibilities. At the moment we are unable to run the PTA as we would like, as there are just too few of us. We will need new committee members to organise the Gift Aid collection, which is a major part of the PTA funding, and two other members to help organise fund-raising events and raffles at school events. If we were able to have nine on the committee we could share out further responsibilities and make a greater impact on raising additional funds for the students.

We meet once a term for about an hour and a half to plan and organise fund-raising in school and allocate monies to cover the extras that school budgets do not cover. In the past year we have provided dishwashers and equipment for the Science and Food Technology Departments, all the school planners for the students, iPads for the Art and English Departments and support for the school Equestrian Team, Sports Leaders and the School Council.

Please come along to the **AGM at 7.00pm, in the Staff Room, on Monday, 14th September 2015** and meet the team and consider joining the committee.

If you cannot give up your time please consider supporting or renewing your membership of the PTA 100 Club, forms will be sent out by schoolcomms, and you may win our monthly prize of £50.00!

Please support your school PTA.

Mrs B Fleming
Chair of KSHSSA PTA