



CNSNewsletter

HEAD'S LINES

Yet again I am struck by the range of experiences our students have enjoyed and participated in over the past six weeks. Please read on to find out more and learn about the activities that have taken place on our site and 'out and about' across the country. Alongside recent visits to Austria and the First World War battlefields there has again been so many things for students to do and therefore appreciate more about the world in which we live.

I am sure families do know but it is worth reminding everyone that any family in need of financial assistance can approach the school for support. We want to ensure that every child has access to what can be life-changing days that spark a life-long fascination or interest.

Have a great Easter break and we will see everyone back on Tuesday 23 April 2019.

With all best wishes,
Barry Doherty:
Headteacher

Year 7 Humanities students visit 'The Living Rainforest'



In Year 7 we have been learning about global warming, waste and the deforestation of the rainforests. The students have worked in groups to present information about the causes, effects and possible solutions to this problem. To further our learning we went on a school trip to the Living Rainforest in Hampstead Norreys on Tuesday, 12th March.

It was a very blustery day! We travelled on the school minibus which was eventful as the wheel arch came detached from the minibus before we had even left Chipping Norton much to the interest and delight of the students.

On arrival, we were

greeted by the manager and taken to the Education Room. The Education Room had lots of interactive displays on the rainforest. The students read about the four layers within the rainforest: emergent layer, canopy layer, understory and forest floor. They then identified animals from a series of 'zoomed in' images and finally worked out what the different herbs were in 'touch and feel' boxes.

At 11.40am we were greeted by our guide, Alex, who took us into the Living Rainforest. In the Living Rainforest there were animals like birds, monkeys and frogs. It was hot in the rooms

because they needed to keep the animals warm.

"My favourite three animals were the poisonous frog, the bird called Luigi and the tortoise." (Finn).

"The people in the Amazon Rainforest used the poison from the Poison Dart Frog at the end of their darts to kill animals for food." (Jake)



"The amazon tribe in the rainforest use the poison from the frog and put it on their darts which kills the animals they want to eat." (Alex)

"We all saw a green tree python and I wanted one as a pet!" (Luke)



Chip Lit Festival author talk

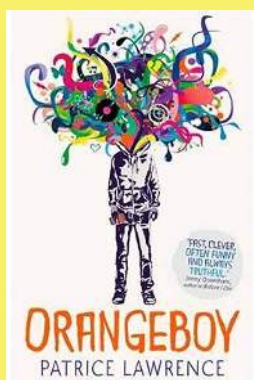


A selection of students from Year 8-10 enjoyed a wonderful talk by award-winning author Patrice Lawrence as part of this year's Chip Lit Festival Schools' programme.

Patrice's talk about her personal background and pathway to becoming a full time author was both engaging and informative. The students loved hearing about her books, *Orangeboy* and *Indigo Donut* as well as her new book, *Rose, Interrupted* and enjoyed hearing her read passages from her teenage diary! Many of the students bought signed copies of Patrice's books and stayed behind during lunchtime to talk to her.

We are very grateful to the Chip Lit Festival committee and Mrs Weaver (Schools' and Young Person's Programme Director) for organizing this brilliant event and of course to Patrice for visiting Chipping Norton School.

Ms Bovington: Librarian



'The Living Rainforest' (continued)



There were birds called the Red Crested Turaco. In the wild these birds don't fly because they live in the canopy and hop from one tree to another easily.

The guide also told us about the different plants that grow in the rainforests like cinnamon and vanilla. We learnt that there is only one bee that pollinates the vanilla plant which is an orchid and only flowers once a year. Alex also explained that cinnamon was bark from a tree that rolls up as it dries.

"We saw lots of beautiful and very big leaves."
(Muslima)

We learnt about sustainability too.

"We sat on a bench which Alex told us was made of plastic bottles and bags."
(Matthew).

At the end of the tour we saw some huge fish that live in the rivers. When we finished our tour we had to wash our hands and then we had our lunch.

After we had had our lunch the students were allowed to go back into



the Living Rainforest and see their favourite animals before it was time to head back to school.

"I really enjoyed this trip because I got to learn about animals and I got to chat with my friends. My favourite animal was Rio. She is meant to be a green lizard but she was bred in captivity and she turns red." (Matthew)



"Alex told us all about plants and animals that are becoming extinct, and explained what we can do to stop making animals and plants extinct." (Josh)

"The butterfly was eating kiwi fruit. It looked really weird." (Alex)

"It was a great trip!"
(Muslima)

"It all went well and I enjoyed it." (Finn)

**Mrs Faulkner:
Head of Year 7**



Year 11 Oxford Spire's trip to Trinity College



On the 14th March, Oxford Spire's students from Year 11 were given the opportunity to partake in an Open Day at Trinity College, Oxford University.

The day started with an introduction to the university and a talk about application, living accommodation and information about appropriate A-level options. This talk was informative and I felt, as a student considering a Russell Group university, very informed about the process and comfortable I had chosen the most enabling A-levels for my future vocational plans. This introductory talk was followed by a question and answer session with current students at Oxford studying Literature and Engineering degrees. They answered a range of questions involving topics from their individual studies and other courses offered, to questions about social life, accommodation and pastoral support.

After lunch, we were given a tour of Trinity College and were shown the social areas such as an activity room and library,

Physics and engineering make way for CNS girls!



cameras and probing questions from Reuters, CNS girls showcased the world-wide launch of “Science Scribble Virus Project”, a method to aid machine identification of viruses. It was a fantastic

pleasure being part of such a constructive day and an honour to be surrounded by so many brilliant young minds!

Mrs Eakins:
Science Department

Twelve of our Year 11 girls had the opportunity to visit Rutherford Appleton Laboratory, one of the leading facilities in the world, as part of “Science in Your Future” event.

Our day began with an inspirational talk by Dr Ceri Brenner, a senior scientist at Central Laser Facility, which allowed our students exposure to unconventional routes into Physics. Then, CNS dominated the scene as schools combated for “Best Solar Car” status as they built vehicles using nothing

more than cardboard, straws and BluTac to interface with gears and a solar-powered motor. Our home-grown ‘Team Super Awesome’ took the prize for most ground covered whilst ‘Team Teachers’ barely warmed the starting line!

Several other workshops allowed our students to explore educational and career paths, but it was during lunch that their path toward presenter of science was paved. Unfazed by flashes of



Year 11 Oxford Spires trip (continued from page 2)



the shared kitchens and given the opportunity to look at the apartment-style housing. It was evident from our tour of Trinity College that it provides a very welcoming and fulfilling atmosphere for students to thrive in.

To end the day we maturely debated political cases and were offered the chance to experience the form of learning experienced during university. This showed me the level at which learning develops

and enhanced my ability to argue an opinion confidently and respectfully and evaluate sources of information.

Overall, the trip was very informative and enjoyable. It gave me the confidence I needed in my A-level choices and assured me of the skills and qualities I needed to better my chances of studying at a Russell Group university. I am very grateful for this incredible and rewarding opportunity.

Beth Blackwell: I IWS

Sixth Form News

Amazing work experience opportunity for prospective medical students



Ronan Kennedy, Neve Lloyd and myself (all prospective medical students) spent a day at the Anthony Nolan Research Institute in London.

The day involved a thorough tour of the laboratories that make up the research centre and an insightful rundown of what the scientists do. The research that the

research centre carries out involves the use of stem cells in order to treat blood cancers.

Our tour showed us the process of how the stem cells get from the donor to the recipient. However, the process is a lot more complicated than it sounds, as there are so many things that could go wrong, and so many preventative methods and calculations have to take place in order to reduce this risk. This all results in a lot of complicated and interesting processes- plus a lot of very expensive technology. I was very interested in how fast these technologies are changing, culminating in the latest process: next generation sequencing.

Overall, the day was very interesting and all three of us would like to wish Anthony Nolan a big thank you for having us! Thank you to Mrs De Bruyn for organising it too! It has definitely given us lots to think about in respect of our future careers.

Megan Kyte: Year 12

Bright Green Futures: an environmental leadership programme



At the beginning of March, Amelia Grieve and I travelled to Liverpool to participate in a training weekend as part of the Bright Green Future (BGF) programme. This environmental leadership programme connects young people from all across the UK with a common interest in wanting to create a sustainable future.

The weekend (run by the School for Social Entrepreneurs) was jam-packed with various activities; from a walking tour of the Baltic Triangle, to watching a theatre production on the Saturday evening. It is really hard to summarise the weekend but Amelia and I left Liverpool so inspired by some truly remarkable people who spoke to us. For me, the last talk made the greatest impression. Ashleigh Nugent, Programme Director of Rise UP CIC, told us about how he spent his teenage years

believing society was against him and how he has used his experience to help others facing similar situations. Using words that we gave him, he created a freestyle rap about how we can help the most vulnerable in society that left us in awe of his energy on stage. We were well fed by the multiple café/restaurant-based social enterprises which provided us with delicious food including award winning pies at Homebaked.

I was glad to share the experience with not only Amelia but the other amazing young people I met from all across the country who were also part of the BGF programme. We would not have had this empowering opportunity if we had not taken a risk in just applying for something we knew very little about.

Bel Lovel: 13E



Particle Physics masterclass and the Rutherford Appleton Laboratory



The main highlight of the day was a tour of the Diamond Light Source by their Head of Communications – Isabelle Boscaro-Clarke. As the synchrotron was switched off students got to walk around all of the site seeing the many powerful magnets and X-Ray beam chambers. Below is a photo of 3 students above the synchrotron – Harry Smart, Ethan Bennett and Ben Nottingham.

Mr Turvey: Science Department

On the 8th March 12 Chipping Norton Physics students went to the Rutherford Appleton Laboratory in Didcot. The trip was aimed at giving sixth formers a deepened understanding of the particle physics section of their A-Level studies.

During the day there was a series of lectures from leading university professors and Large Hadron Collider particle physicists. This was interspersed with workshops – one of which saw Ben Nottingham discover the Higg's Boson, or at least see the particle interaction that provided evidence for its existence!



Laetisia Carter speaks to Year 12 Sociology students

Laetisia Carter, from the District Council and previously a TVP employee experienced in domestic abuse training and outreach came to talk to our Year 12 Sociology class about domestic violence. Her talk covered key facts, policies, the concerning lack of resources available to support survivors and how it feels to be affected by domestic violence. We had a discussion about why domestic violence happens and have been able to apply this knowledge to our A level course.

Laetisia's talk was very informative and relevant as well as hugely emotive. Not only did it support our knowledge for our course, it has also encouraged us to think about healthy relationships and what we can do to support survivors of domestic violence in our own communities.



Many thanks to Laetisia for giving up her time to come and visit us.

Mrs Gray: Sociology

Daisy wows at Chipping Norton Music Festival

Congratulations to Daisy Bartlett (Year 12) on her success at this year's Chipping Norton Music Festival on March 23rd. In the morning session, Daisy's performance of "My House" (Miss Honey's song from Matilda) was adjudicated as "a really convincing performance – entirely believable" and "an excellent performance – really quite moving" (amongst other positive comments). Her performance was marked as "outstanding".

Daisy was delighted to be asked to take part in the final concert on Saturday evening and received the "Chipping Norton & Stow Methodist Circuit Bicentenary Trophy for the junior vocal performance which best communicates with the audience".



Year 4/5 AIM Science workshop



On Monday 4 March 28 pupils from our partnership schools were invited to attend the Science workshop based on 'Microorganisms and Disease'. There was a lot of discussion when the pupils were asked to think about what objects they had come into the contact throughout their day, which neatly led them into the workshop. Dr Hagan, Mrs Heath and our two wonderful Science Interns Miss Bennet and Miss Fenner helped our young Scientists to collect germs from their shoes, the desk, the computer keyboard, almost anywhere in the

classroom. These are currently being grown and the results will be shared with pupils at a later date.

Mrs Heath showed everyone how to use microscopes and they looked at very mouldy furry chocolate brownies – this caused a lot of nose wrinkling and wonder. Our partnership pupils were extremely interested and keen. It was a pleasure to host them all.

Thank you to our Science staff here at Chipping Norton School and congratulations to everyone who came along and worked so hard.

Extra Time Year 7-9 LAMDA Club



Forty of our hardworking LAMDA club students sat their exams on Tuesday 26 March at school. They had worked hard towards the exams since September 2018. Well done to you all for your hard work and commitment. Results to follow.

We were delighted that 2 groups of students from the LAMDA club presented their plays at the Chipping Norton Music Festival. It was the first time that we have taken part in the Festival, and it was a lovely opportunity for our students to perform and develop their impressive drama skills. We also had the opportunity to watch young people from other schools take part, presenting their plays and

poems. Our students were outstanding and very confident; both groups achieved a Distinction. Congratulations, and thank you to the Music Festival hosts who made us feel very welcome.

Year 7 students – Acting:

Pairs of Small Groups -
'The Lion, the Witch & the Wardrobe' by C S Lewis.
Natasha Denton,
Rosa Cavana, Toby Jones,
Abigail Cubley and
Sophie McCallum

Year 8 students – Acting:

Pairs or Small Groups
- *'Daisy Pulls It Off'* by D Deegan
Charlize Sproat,
Victoria Sladen,
Wiktorija Twardowska and
Lily Stanton.

Year 2 & 3 Schoolympics



During the two Schoolympics festivals we welcomed over 450 pupils to our school. The idea of the Schoolympics is

that the children are split into country teams and all work together, giving children from different schools the opportunity

to meet each other and work as a team and take part in a range of activities.

The festival is led by Year 12 Sports Leaders who throughout the term devise a complete programme of activities for the pupils. This includes a welcome game, speed bounce, standing long jump and games using our colourful parachutes. It really is inclusive and all the activities are targeted and

specific for the age range.

We were delighted with the festivals, it was an opportunity for everyone to shine, and the determination and hard work from our Year 2 & 3s was obvious to see. You were all winners and should be so proud of your achievements. Once again a big thank you to our Year 12 Leaders, our primary staff and Mrs Fisher who ran the event.

Mrs Hannis: Community Learning Administrator

The Squashed Tomato Challenge



The whole of Year 8 took up the Squashed Tomato Challenge as part of the Y8 STEM (Science, Technology, Engineering & Mathematics) day run by Science Oxford.

For our Year 8 STEM day we spent a whole day working on one challenge, which was to design and make a form of transport to get tomatoes from the top of a mountain to the bottom as fast and efficiently as possible. The idea was based on the real problems in Nepal that farmers are faced with. In Nepal it takes an average of 3 hours to get agricultural produce down the mountains, which is a painfully slow journey.

The STEM day started with a briefing where we were told what steps we needed to take to complete the task. After the briefing we were sent to different classrooms and asked to decide on our management system

and start our design. The whole team had to agree upon a design and then create a model using the small budget that we had been given.

Each team had to consist of a project manager, financial manager, design engineer, marketing manager and communication office. We were each assigned a role and told what our responsibilities were. After the design stage the group members were asked to buy the materials (K'nex pieces) out of their budget and use them to make the model. No material could be returned and you had to stay within budget.

Students were helped in this challenge by guests from industry supplied by Science Oxford, including an Electronics Engineer from Diamond Light Source, a Biophysicist from Oxford University, a Geologist, an Engineer from the National Grid and a Software Engineer.

At the end of the day each team explained and demonstrated their design to the whole group and the judges. We were

Careers Events @ CNS: Numerical Algorithms Group talk



David Humphries and Andrew Sajo, experts in algorithms, software and high performance computing from NAG, came to talk to our students in Years 11-13 about careers in Mathematics and Computing.

Contemporary mathematics research affects the daily lives of billions worldwide, but most people don't realise the crucial role mathematics plays. Industry and technology owes a great debt to modern mathematics research, but

because the underlying mathematics is often hidden, many do not appreciate its value.

The Numerical Algorithms Group is a software company which provides methods for the solution of mathematical and statistical problems, and offers services to users of high performance computing systems.

<https://www.nag.co.uk/>

<https://ima.org.uk/>

Mr Parker: Head of Year 11/Careers Co-ordinator

judged to be the winning team.

Overall the day was a great experience and gave us an insight in to what working is really like.

**Isabella Blundell,
Charlie Burnett,
Josh Flaxman,
Scarlett Goodway,
Cole Davies: 8WS**



Sports' News: CNS triumph at West Oxon competitions



CNS girls swam remarkably well in their gala held at Chipping Norton Leisure Centre. The events ranged from individual races in freestyle, breaststroke, fly and backstroke to the medley. Overall the girls finished in first place and now go on to represent us in the County event at Radley School in July.

The boys' indoor athletics team also matched the girls in winning their competition at Marlborough School. They did themselves proud throwing, jumping and running past all the other schools to go onto the county competition at Oxford in April.

The boys' rugby team also did well in their recent tournament. Paired with Woodgreen and Bartholomew in the group stages some outstanding rugby meant they scored a total of 6 tries while only conceding 1, ensuring a place in the final against home team Burford. They were very quick to start and after conceding 3 tries sustained pressure toward the end and gave us a deserved try, meaning that CNS finished worthy runners-up.

Mr Thomas: Head of PE

Other PE News

From Monday 18th to Friday 22nd March 24 Year 10 pupils departed to Mid Wales for the annual GCSE PE climbing residential. They were a real credit to themselves and the school throughout the entire week and many of them had never climbed before!

Abby Chapman said "I really enjoyed trying something new and out of my comfort-zone. It also gave me time to become closer to my friends and help towards my GCSE in Physical Education."

AJ Fuller travelled to Rotherham on the weekend of 23rd and 24th March to compete in the last 4 of the national boxing championships in his category (75kg, less than 10 bouts). After an outstanding win in the semi-final on Saturday he narrowly lost out in the final on Sunday to finish National runner-up — an incredible achievement!

What's on at CNS

TERM 5

APRIL	
Wk 28	B
Tues 23	TERM BEGINS
	Dance Workshop this week
Thurs 25	Y7 PTC 4:45 pm
Fri 26	DofE Gold Awards practice day expedition for 3 days
Wk 29	A
Mon 29	Extra time clubs start
Tues 30	GCSE Art exam
	Primary Athletics 3:45-4:45 pm
MAY	
Wed 1	GCSE Art exam
	CNPS MFL Languages Festival 3:00-4:45 pm
	KS5 Awards 6:30-20:00 pm
Fri 3	A level German Oral exam
	Silver DofE practice weekend (returns 5th)
Wk 30	B
Mon 6	Bank Holiday
Tues 7	GCSE MFL Oral exams all week
	Y9 Assessments begin (until 17th)
	Y10 Maths & Science assessments begin (until 17th)
	CNPS Drama Y4/5 AG&T 3:30-5:00 pm
Wed 8	CNPS Rugby Tournament 2:10-4:30 pm
	A level Art exam begins (until 10th)
Wk 31	A
Mon 13	GCSE exams begin
Weds 15	A level French Oral exam
Sat 18	DofE Bronze practice expedition (until 19th)
Wk 32	B
Wed 22	CNPS Y4-6 Athletics Championships 2:50-5:00 pm
Fri 24	Y8 HPV 1 & Y9 HPV 2 Inoculations

END OF TERM



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