



CNSNewsletter

Art and Design & Technology Exhibition



HEAD'S LINES

"Being the best that we can be"

Our focus on school improvement has had tangible impact and our students are making good progress. We have increased the level of challenge in lessons with the bronze, silver and gold success criteria; we have made sure that students get ample feedback about their work and how to improve it; we have insisted on high quality work and students "working harder on harder work". In the coming year we are going to be maintaining this drive as well as ensuring that all students are ready to learn, are respectful at all times, and behaving impeccably.

We are looking forward to celebrating some great GCSE and A Level results this summer. Our Year 11 and Sixth form students have all worked hard in the run up to their exams. I will ensure that parents are made aware of how well our students have done once we have the results in.

New academic year dates and lesson times

Term starts for new Year 7 and Year 12/13 Sixth Form enrolment on Monday 4 September 2017. All of Year 7-13 students are in school from Tuesday 5 September 2017. The complete list



On 29th June the Art and Technology departments were very proud to host the annual 'Art/Tech Private View' displaying the outstanding work created by our talented GCSE and A level students. The evening was a great success and very busy!

We are always astounded by the talented and creative students we have at Chipping Norton School and the celebration of their work is a highlight in the year.

We would like to congratulate all the students for their hard work and wish the Year 13 students all the best as they go onto further education. The students worked extremely hard and many were in the workshops and Art rooms almost every day, some until 7:00pm! The students were a pleasure to teach and I wish them all the best in the future.

We would also like to give a special thanks to the continued hard work of the Art and Technology teachers who make the evening possible and who work tirelessly with the students to ensure the best possible results.

Mrs Corley and Mr Crudge: Head of Art/Head of D & T



of term start and end dates is on the website. As you are now well aware, we are moving to five x 60 minute lessons from September 2017. The school start and end time remain the same but break comes at the end of Lesson 2 (11.00 a.m.) and lunch at the end of Lesson 4 (1.25 p.m.).

Some staffing changes

At the end of this term we say goodbye to a number of colleagues and welcome some new faces to our teaching staff. After many years of service between them we sadly say goodbye to Mrs Phillips, Ms Savory, Mrs Dix and Mrs Ashdown. These colleagues have given a huge amount to our school and have made a difference to many, many lives over a combined period of over ninety four years! In addition we say goodbye to Mrs Long, Mr Conduct, Ms Hopkins (now Mrs Collyer), Mrs Willett, and Mr Nolan. We wish them well in their new ventures and hope that they will come back to see us. We also thank Mrs Smith, Mrs Allen, Mrs Andrews and Mr Fewins who have been covering for colleagues on maternity this past year.

We are lucky to welcome Mr Franklin (Head of Drama); Mr Brown (Head of Music); Ms Pearton (Mathematics); Mrs Eakins (Science); Ms Stephens (Geography maternity leave) at the start of next academic year; and we welcome back Ms Kearns (Mathematics) and also Mrs Tandy and Mrs Evans after their maternity leave.

Many thanks for all of the support you give your school. Have a wonderful and restful summer!

Simon Duffy:
Head Teacher

Spotlight on Attendance: The Attendance Diamond

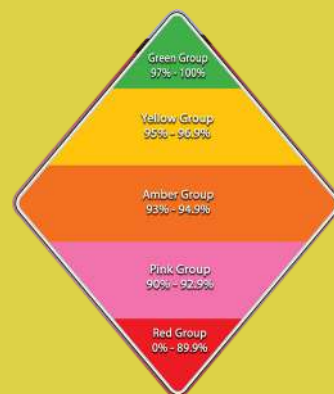
This year we have been using a new system, called the Attendance Diamond, which is an Attendance Tracking system. This is a visual computerised system which displays each student's attendance and tracks it week by week. Student's attendance percentage is calculated, and each week in tutor time, the form tutors show the Attendance Diamond and students can track their progress, check the direction of their progress and see which bracket they fall into. Students record their weekly attendance in their planners so this can also be seen by parents.

From our Attendance Tracker we are pleased to see that over 70% of our students fall into the

green or yellow band. From the diamond it can be seen that this relates to students with attendance of 95% or above. Well done to all of these students for their excellent record of attendance. I would especially like to congratulate all our students with 100% attendance; this is a fantastic achievement.

We know that good attendance goes hand-in-hand with good achievement, so with that in mind we will work together to improve attendance across the whole diamond. Thank you and I look forward to continuing to work with you in September.

Mrs Cox:
Attendance Officer



Green = 97% - 100%
Yellow = 95% - 96.9%
Amber = 93% - 94.9%
Pink = 90% - 92.9%
Red = 0% - 89.9%

Attendance Groups	
Green	No Risk
Yellow	Risk of underachievement
Amber	Serious risk of underachievement
Pink	Severe risk of underachievement
Red	Extreme risk - Court action

NRS trust-e Cashless Catering System and ParentPay

Chipping Norton School uses Nationwide Retail Systems (NRS) trust-e cashless catering system. This system fully integrates with ParentPay; an on-line payment system which allows you to top up your child's meal card and pay for trips, activities, revision guides and more. ParentPay also allows you to view the purchases made by your child in the school canteen and the current meal card balance. We suggest topping up your child's meal card on a weekly or even monthly basis but please keep an eye on the card balance to ensure your child does not run out of money. Please note that ParentPay can be quite busy on Sunday evenings and Monday mornings so we recommend you avoid these times.

A canteen daily spend limit of £5.00 has been set for

each student. If you feel you would like to lower or raise this amount please email the Finance Office (finance@chipping-norton.oxon.sch.uk) and the limit will be adjusted as per your request.

By using ParentPay your child will no longer need to bring cash or cheques to school, and will avoid queuing to load money onto his/her card or to pay for other items at the school finance office. ParentPay is the school's preferred method of payment.

All students must have their own meal card so that the meal service can run efficiently. All students are provided with a meal card and, if lost or damaged, then replacement cards costing £2 are available from the finance office. However,

we recommend meal cards are purchased via ParentPay using the 'New Meal Card' option and then collected from the finance office. Please note that it is not permitted for students to share meal cards for a number of reasons. Please ensure your child has his/her own meal card each day.

ParentPay activation letters for the new Year 7 students will be provided before the start of the Autumn Term. If activation letters are required for students in any other year group then requests can be made by emailing the Finance Office (finance@chipping-norton.oxon.sch.uk).

When emailing requests to the finance office please provide your child's full name and tutor group. Many thanks.

Chipping Norton School
Finance Department

SPORTING NEWS

Sports Tour to South Africa

On Saturday 22nd July, 49 students and 5 staff will make the trip to South Africa for the 4th Chipping Norton School Sports Tour. During the 2 week trip students will play 4 matches across Netball, Rugby and Hockey. As well as the sport there will be some time for R&R when students will have the chance to go on safari, visit Table Mountain, Robben Island and the Pebbles Charity project with whom they have already made a donation.

You can find updates from the tour on the CNS PE twitter page.

@cnspedept



Oxford School Games



After some outstanding recent performances in their district competitions, our Year 7, Year 8 and Year 9 Rounders teams represented West Oxon at the County Tournament in Oxford on Tuesday 11th July. In what was a high standard of rounders all 3 teams finished outside the medal positions but did themselves proud.

On Friday 7th July our Year 7 Athletes represented West Oxon at the County Quadkids event at Tilsley Park in Abingdon. This involved 5 students each running 800m, running 100m, throwing the Howler and doing the long jump. Whilst there were many good performances when the students were taking part, it was difficult to know where they might finish. As the results were being called out from 10th to 1st place students were nervously waiting for Chipping Norton to be called out. Eventually their name did get called as overall runners up and winners of a silver medal; a fantastic achievement and well done to all students!

Congratulations must also go to Felix Wigzell and Tom Alarcon-Clark in Year 10 for winning a Bronze medal in

Cricket Update

Year 7 have had a terrific season and, after winning all 5 of their league games, made it through to the finals of the County League Semi Final in September.

Year 8 finished their league campaign with a great win over Marlborough School and now look forward to their tournament at Cotswold School on Monday 17th July.

Year 10 had a strong league campaign with only one narrow loss to Burford. They recently beat Gosford Hill in the County Cup Semi Final and now look forward to the final against Marlborough School. Rob Jenkins in particular has batted very well with scores of 42, 35, 26 not out, 58 not out and 37 in his last 5 games.



the Under 15 Tennis competition after winning the West Oxon tournament earlier this month.

Mr Thomas: Head of PE

Alternative Curriculum Days: an opportunity to discover new skills



This year the Year 8s went to the South Cerney Outdoor Activity Centre at the Cotswold Water Park for our Alternative Curriculum Day. We had a chance to have a go at stand up paddleboarding, kayaking, KataKanu (a type of catamaran-canoe) and dragon boat racing. Our favourite was the stand up paddleboarding because it was a very different and enjoyable experience from anything that we had done before. Everyone had lots of fun and many people fell (or jumped!) into the water much to the displeasure of the teachers! The weather was perfect for the occasion and people soon dried out under the bright sunshine as they sat enjoying their lunch in front of the astounding view. The staff at the centre were always very helpful – their funny jokes made our day loads better! Everyone loved the chance to get away from the hustle and bustle of everyday school life and we can't wait to go to Thorpe Park next year.

**Chloe-Marie Warren,
Holly Evans
and Sophia Robinson :
Year 8**

The whole of Year 9 travelled to the outskirts of London to Thorpe Park theme park. We were all very excited on the journey as it was an alternative to the usual school day. When we arrived we split into our groups to explore the whole park.

Top attractions included Saw, Nemesis Inferno and Surge – KFC was also a popular choice! As it was sunny, some of the students even went on the water rides, such as a Tidal Wave and The Rapids. Although there was a rather long wait for the top rides, they were worth it. Many people said that the trip was the best ACD we have had as we had the choice of where to go and believe this is a good idea for future school trips. The top attraction was the Stealth ride (the highest in Britain and lasts a mere 7 seconds) and the VR-simulator ghost train that transported you to terror among zombies and paranormal activity.

Overall the students thoroughly enjoyed the trip and were sad to be finishing their ACD experiences.

**Keira Koch and Molly Day:
9WS**



English Speaking Union Bursary



We are delighted that Sixth Form student, Lorenzo Ronconi has been awarded a bursary from the English Speaking Union. ESU is a charitable organisation which is passionate about the importance of the English language in improving global understanding between nations. It aims to enable young people to utilise the skills of public-speaking and debate to become confident communicators.

“Being awarded a bursary from the English Speaking Union was a complete surprise to me and something that I was delighted to receive. It will certainly benefit me as I head to university.

What drew me to English

is its capacity to rationalise abstract thought; an hour spent sifting through wandering ideas to draw out a string of cohesive argument is an hour well spent, in my opinion. But that may not be the case for anybody else. Their fascination for the English language may arise from the presentation of a narrative, or the rhythmic fluency of a poem, or the booming voice of a speaker hollowing out the silence of a performance hall.

With the generous funds I hope to explore each of these possible fascinations in turn, by reading the works of experts and contemplating their theses against my own, as I strive to become an expert in my own right across both the written and spoken continuums of the English language.”

Lorenzo is planning to study Comparative Literature at UCL next year. We wish him good luck in his studies.

**Mrs De Bruyn:
Head of Sixth Form**

Musical News: Cornbury Festival Finale



On Saturday 8th and Sunday 9th July, CNS students took part in the Cornbury Festival Finale. The Grey Keys (Louise Williams, Grainne Ní Cheallacháin and Kerrie-Jo O'Flynn) played on the Saturday, with a set including Afterglow, Fast Car and Hollow Talk. The girls performed on piano, violin, cajon, drum kit, ukulele, acoustic guitar and vocals; not bad for only 3 musicians!

On Sunday the Jazz Band took the stage and played a lively set including Jungle Boogie, a Coldplay medley and Watermelon Man, featuring our very own Louis 'Jools Holland' Jukes on keyboard. Keara Koterwas (Year 11) travelled down from her new home in Edinburgh to sing with the Jazz Band, duetting with Hannah Willoughby (Year 13) in a rendition of Lean on Me.

The band and singers performed brilliantly, and took the stage by storm, despite the fears of the sound crew who struggled to get their head around fitting 33 players on stage, let alone setting up all their microphones. A massive 'well done' to all of the students who took part in the Cornbury Festival weekend.

Daniel Chambers (8GN) has been selected to join the National Youth Orchestra's Inspire programme, which works with the most talented upcoming musicians to take their orchestral playing to the next level. He will be taking part in workshops, rehearsals and performances on his clarinet. Well done Dan!

Mrs Willett:
Head of Music



The Grey Keys.

Carnegie Book Award 2017



This term the members of Reading Club have been reading the eight books shortlisted for this year's Carnegie Book Award.

The Carnegie Award is a national book award presented to the author of an outstanding book written for children and young people. The judging panel is made up of children's librarians but students across the country are encouraged to read the books and post reviews to the judges. The Reading Club has enjoyed meeting up during Friday lunchtimes to discuss the merits (or otherwise) of the varied list of books.

On the day that the award was announced students from Henry Box, Burford School and Carterton Community College joined us in a day of celebration. The students were separated in groups representing each of the shortlisted books and challenged to come up with a presentation to persuade us that the book

they represented should win the award. Students were given a 'free rein' to decide what sort of presentation to give. The librarians were particularly impressed with how well the students worked together and with the excellent standard of the presentations.

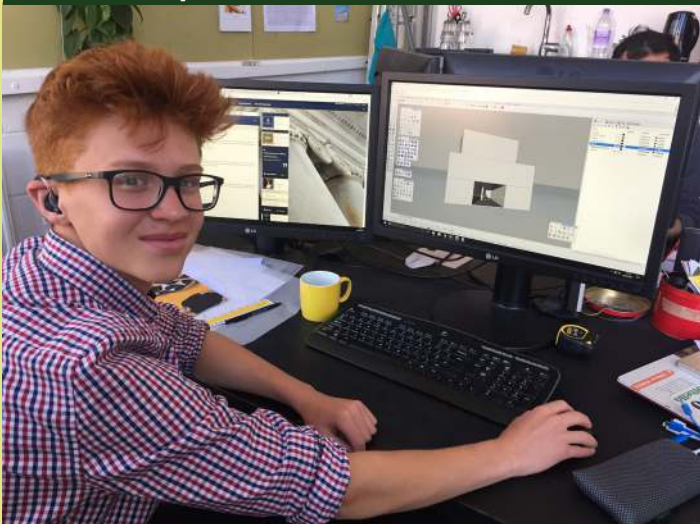
The group of students (including Jessica Bradford) representing 'The Salt in the Sea' by Ruth Sepetys (which incidently was judged the winner of the official award) were judged to have given the best presentation. Johanna Harvey won a prize for the best fancy dress costume and Sophia Robinson and Chloe-Marie Warren received book tokens for being the first students to finish reading all the books (Sophia) and writing the best review (Chloe-Marie).

The day concluded with everyone enjoying a slice (or two) of the traditional Carnegie Day cake.

Ms Bovington: Librarian



Work Experience: Year 10s look forward to life beyond school



148 Year 10 students went on work experience from the 3 – 7th July. 32% found places in, or around, Chipping Norton with a lot going to small businesses.

Some generous employers took more than one student. Daylesford Farmshop in particular were very supportive and took 4 students, rotating them around different departments.

Chipping Norton School would like to thank all those employers who kindly took students for us. It gives them an invaluable insight into the world of work and we really appreciate your help.

Oliver Williams (10EN), who went to Fastnorth Electricians, said 'it was such a big learning curve' and Andre Silva (10GN), who went to Stagecoach in Witney, simply said 'it was

great'.

We received glowing feedback from many of the employers:

"Chloe clearly enjoyed her time with us last week and I am so pleased she enjoyed the experience. She was very polite and a delight to have around the Hotel, nothing was too much trouble for her and she was certainly a credit to the school."

Keri Butt, General Manager at Cotswold Hotel and Spa regarding Chloe Young in 10EG

"I would just like to give you some feedback on Isabelle's work placement with us; Isabelle is a wonderful person who had 100% interest and



bags of enthusiasm. She showed commitment to everything she did; a great all round placement."

Ian Lomas, Vehicle and Equipment Manager, Capita – Fire Service College, about Isabelle Barrett, 10WS



Mrs Dix:
Work Experience and
Careers Co-ordinator

Mathematics Mastery Project

Next year's new Year 7 students will be part of a new **Mathematics Mastery Project** (www.mathematicsmastery.org) aiming to ensure students become confident mathematicians, equipped to tackle mathematical problems with resilience and creativity. The curriculum will be delivered in a radically different way and will focus on ensuring that all students are given the opportunity of gaining a deeper understanding of topics rather than quickly moving onto a different area of maths.

A major aspect of Mathematics Mastery is to use the **Concrete Pictorial Abstract** approach. This involves students getting their hands on the maths in a kinaesthetic way. We

will also be using pictorial representations such as the 'bar model' to help frame problems visually in order for students to grasp the key concepts to produce a sound mathematical argument and solution. An example of this approach can be seen below. Can you see how the problem has been transformed into a pictorial representation? Now solve it! The solution can be seen underneath.

To mark the beginning of the project we have a launch evening on **Thursday 21st September** for Year 7 parents. During this evening we will outline the 'mastery' approach and how parents can support their child with their mathematical

development. All Year 7 parents will receive an invitation at the start of the new academic year.

We would not have been able to join the Mathematics Mastery Project if it had not been for the support and sponsorship of **Wise Investments** of Chipping Norton. I would like to publicly thank Tony Yarrow for his company's support and I look forward to celebrating the progress and achievement of our Year 7 students throughout the academic year.

I fully expect this project to have a hugely positive impact on student enjoyment and performance in mathematics.

Mr Thrower:
Head of Mathematics

Taking from the tip jar

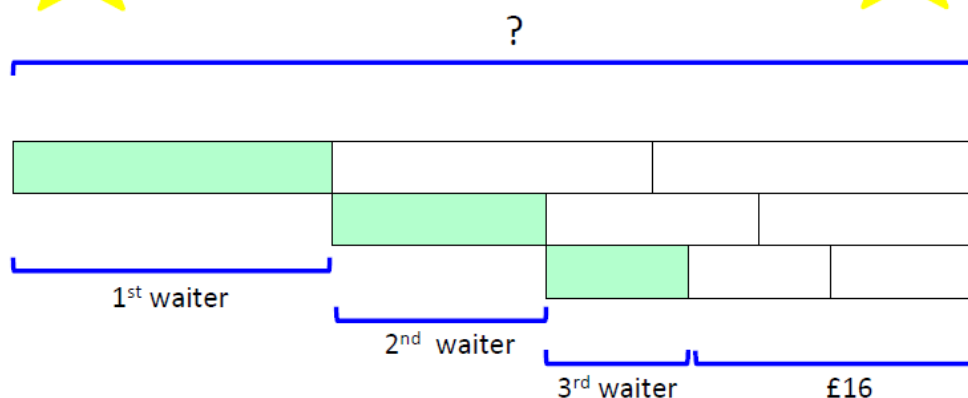
The first waiter took $\frac{1}{3}$ of the tips.

The second waiter took a $\frac{1}{3}$ of what remained.

The third waiter took a $\frac{1}{3}$ of what remained.

There was £16 left in the jar at the end. How much was there at the start?

Could you use this model to help you solve the problem?



Solution: £54 was the amount at the start.

Year 5 CNPS Bake Off



The primary schools have been very busy hosting their own school Bake-Off Competitions, and as a result ten Year 5 winners came along to represent their school at the CNPS Bake-Off on Tuesday 4th July at Chipping Norton School.

It was a great competition, and everyone who took part had put in a lot of effort and time thinking about their cupcake design and presentation. We were delighted with the outcome and it was a tough decision to find the 1st, 2nd and 3rd place winners in the two categories.

The pupils were supported by Amy Steele and Tiago Boeing, both very keen cooks from Year 9. Mrs Andrews and Mr Crudge supported the pupils as well and at 4:10pm we had ten wonderful cupcakes presentations to judge.

Mr Duffy, Mr Crudge, Mrs Phillips and Mrs Andrews asked the pupils to leave and the judging began. It wasn't easy, but after lots of discussion the

outcome was as follows.

The winners were:

1. Taste/Texture/Colour/ Consistency of size of cakes:
1st Place Winner – Kingham
2nd Place Winner – Hook Norton
3rd Place Winner – Enstone

2. Decoration: Overall eye appeal/Presentation/Icing and Decoration:
1st Place Winner – Charlbury
2nd Place Winner – Hook Norton
3rd Place Winner – Enstone

Many thanks to parents who supported their children with this project and all staff and parents who came along for the presentation. We were delighted with the outcome, and so pleased to see you all on the day. Well done to everyone who took part; you are all brilliant.



Creative Writing Club



Over the last two terms, Chipping Norton School English Teachers, Mr Long and Miss Millar have hosted a Year 4 & 5 Creative Writing Club. We were delighted to welcome over 40 pupils from our ten primary partnership schools to this.

During the 5 x 1 hour sessions over Terms 5 & 6, the children were

encouraged to be creative with language, and use their imagination to write stories, make up limericks and jokes, using horror as one of their main topics.

Mr Long and Miss Millar were thrilled to teach our potential future pupils, and were very impressed with their knowledge and enthusiasm for English.

Year 4/5 AGT Maths Workshop



On Monday 26th June, 32 pupils from our CNPS partner primary schools were invited



to take part in the Able Gifted and Talented Maths Workshop.

All of the pupils had been selected by their own teachers, and Mr Thrower and his team of teachers from the Maths Department led the children in a carousel of Maths games and puzzles. They were encouraged to really think about the Maths questions and puzzles in their groups.

At the end of the workshop there was a

winning group, but everyone went home with a small prize and a certificate. Mr Thrower, Miss Wearden, Mr Liddament, Mrs Avery and Mrs Powell, who led the workshops, were so impressed with the level of Maths knowledge and understanding of the children and how enthusiastic and confident they were.

Well done to everyone who came along, and a big thank you to our Maths team.

Family Focus Workshops



along really do enjoy the experience, and, once again, we were impressed by the knowledge and enthusiasm of the children.

Thank you to all our

The Community Learning team are delighted to offer free Family Focus sessions for parents and children to come along to work and learn together at Chipping Norton School. This term we had lots of families who joined us for Family Focus Science, African Drumming, First Aid and Squash.

The activities are led by teachers and coaches from Chipping Norton School who give up their time. Families who come

teachers and coaches at CNS who lead these sessions; we know they impact on families, and we are delighted to welcome our CNPS families into Chipping Norton School.

Keep a look out for the next lot of Family Focus sessions in October. Forms will be available from your schools for Years 4, 5 & 6 and on the CNS website and in Reception.

U11 Cricket Festival



match.

As always, our young cricketers were so keen to win, and showed their skills and enthusiasm for the game. The afternoon was warm and sunny, and every match played well and the outcome was as follows:

The Cricket Festival was supported and umpired by Year 7 – 10 Sports Leaders who made sure that all the rules were adhered to and everyone played a fair

Big School Winner:
Kingham
Small School Winner:
Enstone

Year 4-6 Athletics Festival



hot, the level of achievement was impressive.

After everyone had done the 100m sprint, the 200m sprint, the standing long jump, the howler throw and tennis ball throw, the points were added up, and the

On a very hot afternoon, we were delighted to welcome our athletics teams from the partnership. This festival is led by 35 Year 7 Leaders supported by the PE staff at CNS. Every child takes part in all of the activities and, as always, the level of enthusiasm and participation was wonderful. It really was a fantastic afternoon, and even though the sun was very

results were:

Big School Winner:
St Mary's
Small School Winner:
Chadlington

Thank you so much to all the primary school staff for their encouragement and support, and every student who took part. You really did work and play hard. Well done.



End of another school year and also end of an era...

Mrs Phillips, PE Teacher and Community Learning Lead at Chipping Norton is taking early retirement at the end of the summer term. Mrs Phillips (Jo) taught many of us who came to Chipping Norton School from 1982, and lots of our children too. She is retiring to take time to travel and see the world with her partner.

After a successful career spanning 35 years, she has inspired many young people to do their best and try hard. CNPS Community Learning at Chipping Norton School was also her vision, and after 14 years it is well-established, offering Family Focus, AGT workshops and lots of sports festivals as well as Dance and Drama. She has always been very keen to promote leadership and literally thousands of students have had the chance to act as Sports Leaders at festivals.

She will be missed by students, colleagues and parents, but is leaving a well-established and successful programme in the safe hands of Mrs Fisher (PE at CNS) who will take on the Community Learning Lead role.

Thank you and congratulations to Mrs Phillips; you have been an inspiration to many, but deserve your well-earned chance to travel the world.

Mrs Hannis:
Community Learning & CNPS Administrator

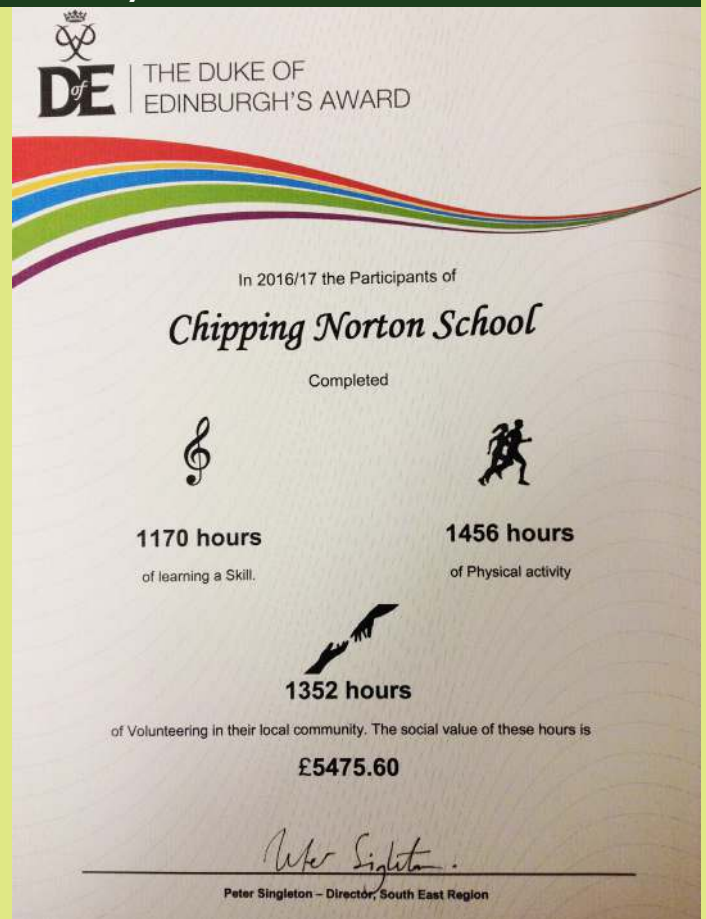
Duke of Edinburgh Award: another successful year!

2017 has been another successful year for DofE students at Chipping Norton School. As well as working hard to complete the physical, skill and volunteering sections of their award, 51 Year 10 students successfully completed their bronze assessed expedition in the Cotswolds in June and the Year 11 students have just returned from their silver expedition in the Chilterns.

Completing a DofE award at any level requires a huge commitment, so well done to all those students who have achieved an award this year. However, undertaking the award is not only of great personal benefit to the students themselves, but also makes a substantial contribution to our local community. In this academic year, the DofE has calculated that our students have completed at least 1352 hours of voluntary work in our community with a value of £5475.60!

If anyone would like to offer their time or expertise to help support our DofE students, perhaps with a volunteering placement or a skill, then please do get in touch with me via school.

**Ms Richmond: DofE Co-ordinator/
Assistant Head of MFL**



'En vacances': the Year 8, 9 French and History trip to Normandy



Mont Saint-Michel

On the 9th June 2017, students from Years 8 and 9 started their journey to Normandy. The trip started with a 2hr bus ride to Portsmouth where we embarked on the ferry. On board the ferry there were 3 cinemas, lounge rooms, and lots of shops where you could purchase a wide range of gifts and souvenirs. Our favourite part was going to the top deck and sitting outside by the helicopter pad as it was a sunny day.

Once we arrived in Normandy, we went straight to the farm where we were going to be staying. It was a huge French farm house

with loads of different outdoor activities such as volleyball, football, ping pong and table football. The instructors spoke to us in French the whole time which we feel really benefitted our learning and helped us to become more confident in speaking French.

We started the first day off by visiting a French market where we were given 3 euros each to buy food of our choice for our lunch from the different stalls. The ingredients were incredibly fresh so lunch was delicious. After lunch, we visited the world-renowned tourist destination Mont Saint-

Michel and were shown around by the French instructor Dimitri. This was our favourite place to visit because it was beautiful, with fantastic views. We walked along the wall as a group to start with and then we split into smaller groups, bought sorbet, and went into the many gift shops.

On day two we went to an activity centre. There were three different activities to take part in: aero ball (which we were not great at!), archery (which some of us were good at) and rock climbing (which we all enjoyed). We ate baguettes for lunch (we were in France after all) and were greeted by many different animals, including a peacock named Kevin.

The last day was focused on history. Firstly, we went to the Omaha cemetery. This was an extremely memorable experience and we were left lost for words by the sheer number of perfectly aligned white crosses. There were over 10,000 crosses in total all facing America. Then we went to the 360° cinema where we watched a documentary on WW2. After that, we visited the

Bayeux tapestry and had some time to go shopping around Bayeux.

Finally (travelling very slowly due to a flat tyre), we got to the ferry port at 9:30pm. We got onto the ferry at 11:30pm and slept overnight in a tiny cabin. When we arrived in Portsmouth, there was another 2hr bus drive home. We think that the trip was a fantastic experience and would definitely recommend it to anyone who is considering going next year.

**Katherine Brock,
Holly Ibrahim, Molly Day,
Keira Koch and Catriona
McCleery (Year 9)**



The Omaha Beach WWII American cemetery.



Shopping for lunch in a French market.



Learning archery at the activity centre.

Medicine and materials day



On Thursday 6th July, Year 9 students attended a Medicine and Materials day at Oxford University Chemistry laboratories, Botanic Gardens and History of Science Museum.

Our day started at the Chemistry labs where we extracted a chemical called limonene from orange peel. Limonene is used as an extract in cooking for its distinctive smell, but it is also found in things like toothpaste and hand cleansers where it is also useful as it dissolves oils. We started extracting the limonene using a blender with water and orange peel. We then had to heat the mixture quickly and so we got to use 'heat guns' which were good fun. After distilling the mixture we separated it using a 'rotary evaporator' – basically a vacuum to remove the solvent and leave us with pure limonene. It was really good to get to use lots of expensive equipment that we wouldn't get to use in school.

Next we visited the botanic gardens and heard about how plants are used

as a source of drugs for a wide range of medicines. We liked the different plants and were surprised to find out about the range of uses for cannabis plants from clothes to multiple sclerosis treatment. Talking of surprises, there was also a plant called *mimosa pudica* which has leaves that move when you touch it. Fortunately there were lots of those plants there because once we started making the leaves move it was difficult to stop. We were also really impressed by the giant lily pads in the aquatic greenhouse, and we got to see plants from deserts and rainforests too.



The day ended at the History of Science museum which tied the other sessions together really well as they took us through the drug discovery process for penicillin starting with the discovery, going through mass production and then to the use of the drug and the Nobel Prizes that came with it.

It was a very interesting day and we learnt a lot about medicines and how they are produced and used.

**Katie Blundell, Keira Koch
and Catriona McCleery
(Year 9)**

What's on at CNS

Exam Results:

A Level Thursday 17 August

GCSE Thursday 24 August

TERM 1

September

WK 1 B

Fri 1 Staff training day (no students in school)

Wk 2 A

Mon 4 Y7 & 12 students in school

Tues 5 All students in school

Thurs 7 Y12 Parents: KS5 explained Main Hall (7.00pm)
Y7 GL Assessments start

Wk 3 B

Mon 11 Extra Time clubs start

Wed 13 Sports Awards (6.30-8.00pm)

Thurs 14 German Exchange students arrive

Fri 15 Y7, 10 & 12 photograph

Wk 4 A

Wed 20 Y10 Art Trip to Oxford

Thurs 21 German Exchange students leave
Y7 Maths Mastery Launch Evening

Fri 22 Y7 Medieval Knight visit

Wk 5 B

Tues 26 European Day of Languages

Thurs 28 Yr 7 Parents Social Training (PTA)

Wk 6 A October

Thurs 5 Open Evening - early closure (12.45pm)

Fri 6 Staff Training (no students in school)

Wk 7 B

Tues 10 Yr 7 Meet the Tutor

Wed 11 Y7 Night of the Musicals

Thurs 12 Y11 Careers Fair

Fri 13 Y12/13 Owen Mumford

Wk 8 A

Mon 16 Family Focus - Art

Tues 17 Family Focus - DT

Thurs 19 Yr 10 Parent Teacher Consultation
Stop & Read Session

Fri 20 End of Term