



ASPIRE

Celebrating success 2018-19 February Edition



Head First

This is always a shorter half-term and one where the dark nights and short days, mean that activities beyond the end of the school day are more limited. However, we have still been busy inside and outside the classroom. Students have had the opportunity to exise their academic abilities in challenges and competitions as well as cultural experiences which aim to broaden their experience and horizons.

Around school we have started re-fencing the school site and at half-term we commence construction of our new catering pod, with extended canopy at the back of the school. We are also delighted that The Friends have committed to fund raise to improve facilities in the front playground. We hope that this will include seating, some sporting facilities and some shelter from the elements. Look out for information on the Murder Mystery evening on Friday 1 March to help raise funds; it looks like it will be a great night.

Julia Upton

Individual Mathematics Challenge

We wished all our Year 9 to 11 top mathematicians luck this week as they took part in the UKMT Intermediate Challenge. They were competing against the best and brightest pupils in the country for a place in the European round. They have to complete up to 25 difficult questions in one hour, all set to challenge the even the brightest mathematician. How well would you do? Try some of these questions from this year's paper (They are intended to get harder the further on they are in the paper.)

1. What is the value of 2019 tenths?

A 2019

B 201.9

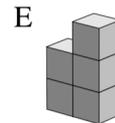
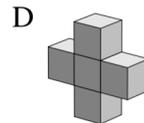
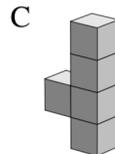
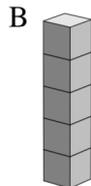
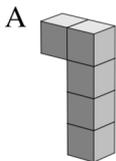
C 20.19

D 2.019

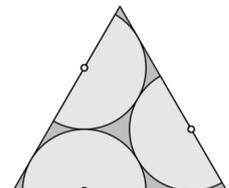
E 0.2019

2. Each of the five shapes shown below is made from five unit cubes.

Which has the smallest surface area?



25. The diagram shows three touching semicircles with radius 1 inside an equilateral triangle, which each semicircle also touches. The diameter of each semicircle lies along a side of the triangle.



What is the length of each side of the equilateral triangle?

A 3

B $\frac{13}{4}$

C $\frac{3}{2}\sqrt{3}$

D $2\sqrt{3}$

E 4

Prayer Space



In the first week of the New Year, all of our students in Years 7-9 were given the chance to take part in our Prayer Space during their RE lessons. Kindy run by staff and volunteers from the Forge Community Church, Prayer Space gives our students (and even staff) a chance to reflect and to think differently after the busyness of the festive period, which is so important for all of us, whether we have a faith or not.

Students were presented with a range of different 'stations', each encouraging them to consider the idea of prayer in different ways. These ranged from: stations using Playdough to model houses while reflecting on homelessness; keys to hold symbolising new opportunities; to 'the empty chair', encouraging students to reflect on, be grateful for and indeed pray for those that we might have lost in the last year.

Many of our students found it extremely beneficial, as seen in some of their comments below:

"It gave me time to think." Camilla Easton, 7E.

"I've never done anything like that before, so it was a new experience for me." Colbey Prime, 7G.

"I felt that the station where you used the stones to forgive people really worked as the room put me in the right state of mind." James Foreman, 8D.

"I've learnt to forgive people". Year 9

"It's made me think about how valued I am". Year 9

"It was nice to just sit and be quiet because I never do that!" Year 9

"It was calming, whereas school normally makes your brain go fast." Year 7

"I thought about my Grandad when I sat down in the empty chair. It made me sad but happy at the same time." Year 8





The Art department recently received a welcome visit from representatives from Norwich University of the Arts. Year 10 and Year 11 Art students together with Year 9 volunteers, had the opportunity to hear about the creative career industries and the huge amount of opportunities available to young people following creative pathways. Students heard from a current Visual Effects student and the type of projects he is involved in, as well as learning about the industries and companies that students go on to work for. We heard about students that worked on the visual effects in the film Dunkirk, the student that designed the Wimbledon logo, the student that worked on the animation for Bob the Builder and many more.

Transferable Skills



Students then worked on a practical architecture task, using the skills they need to work in the creative industries. We all finished the sessions feeling inspired and well informed about the fast growing, incredibly varied creative industries.

Norwich University of the Arts



Year 10 and 11: Theatre Royal



"The acting in Romeo and Juliet was quite extraordinary; the complexity of the lines were really awe-inspiring and the way the actors did all the scenes with flow and confidence."

Dennis Dowsett Year 10

"Very useful to know the story as a production and not just a play. I would recommend it to a friend."

Josh Judge Year 10

"The play was given a modern revamp that helped it engage a modern audience."

Emma Huband Year 10

"The contrast of each character's mannerisms and performance skills really helped me understand the relationships between characters."

Lucy Hardie Year 11

"The performance helped my understanding of the play as it explored different interpretations and different takes on certain scenes and factors such as using a female Mercutio."

Rosie Hudson Year 11

"It was an entertaining and enjoyable experience that was faithful to the original text but provided a unique presentation. It helped to visualise what we read in the classroom."

Glenn Canham Year 11



The arrival of the critically acclaimed RSC production of Romeo and Juliet at the Theatre Royal, Norwich on 31 January as part of its national tour was too good an opportunity to miss. We, therefore, filled six coaches with all Year 10 and Year 11 so that they could experience this exciting interpretation of the text they study for GCSE for themselves. A young cast brought an intensity and sense of danger to this most famous of love stories as we watched the 'star-crossed lovers' rush towards their final tragedy. In addition, the interesting choices in casting led to a thought-provoking exploration of gender roles. The excellent behaviour of all our students also stood out.

Mathematics Team Challenge

In January, pupils in Year 8 and Year 9 took part in the Maths Team Challenge to decide which team should represent the school in the Regional Finals of the UKMT Challenge. The contest was hard fought, and results were close with all pupils taking a keen part in the competition. The top team of Anouk Harris, Jessica Hall, Suzie Knock and Ben Green, go on to represent the school at the next round of the competition in Framlingham in March. We wish them luck!



A solid cuboid has faces with surface areas of 48, 72 and 96 square centimetres. What is the volume of the cuboid? Give your answer in cubic centimetres.

Dean has six coins. The largest amount he is able to make with five of the coins is £4.60. The smallest amount he is able to make with five of the coins is £2.70. What is the total value, in pounds, of Dean's six coins?

A room contains a group of Minions. Each Minion has either one eye or two eyes. In the room, there are three times as many Minions with two eyes as there are with one eye. In total there are 329 eyes in the room. How many Minions in the room have two eyes?

When seven is subtracted from a certain three-digit number the result is divisible by seven.
When eight is subtracted from the same three-digit number the result is divisible by eight.
When nine is subtracted from the same three-digit number the result is divisible by nine.
What is the three-digit number?

150 years of the periodic table

Every field of science has its favorite anniversary. For chemistry, no cause for celebration surpasses the origin of the periodic table of the elements, created 150 years ago this March by the Russian chemist Dmitrii Ivanovich Mendeleev. Ever-creative, Mrs Woods and Mrs Fowler, have been celebrating the anniversary through the Science department notice board.

Charity week

For our Year 10 and 11 Charity Week this year we decided to raise money for the Motor Neurone Disease Association and The Blossom Foundation. We kick-started our week with a kicking competition (all puns intended), which involved students kicking various sized balls across the field with the aim of kicking their ball the furthest. We also had the classic bake sale, which was very successful this year with two days of sales and all the cakes being sold. During the middle of the week we had a photo booth up in the new covered way, which was lots of fun. We also organised an obstacle course challenge as well as the, ever popular, Year 11 vs. teachers basketball game. This year was a very intense game with a massive turn out and another victory for the teachers. During lunchtime on the last two days of the week there was also the chance to watch the much loved film *The Greatest Showman*, which went down well with all our musical loving students. This year we managed to raise just shy of £1000! So thank you very much to everyone who participated and helped to raise money for this year's Year 10 and 11 Charity Week. Ella Bedford and Evie Marsh, Year 10



Mr McMillan getting a bit confused as to which sport we were playing, or so he claimed!

Charity week



Get reading!



Each month in the Learning Resource Centre we have a book display on a particular author or series of books to help spark students' interest in reading and encourage them to try different genres or styles of writing. This month in the Learning Resource Centre, we have been featuring the Hunger Games books by Suzanne Collins.

As part of the display, students were given the chance to win all three books in the Hunger Games Trilogy by answering the following question...What was the author Suzanne Collins doing when she got the idea for the Hunger Games?

The answer was: She was channel-surfing one night flipping through images on television (on one channel young people were competing for a million dollars in a reality TV show and on other channels there was footage from the Iraq war - she combined the two images together to create The Hunger Games). Everyone who got the right answer had their name put in to a hat and we drew out three winners. The winners are: Leah Sharp-Ling, Aidan Fleet and Daisy Lord.



Year 7 at Colchester Castle

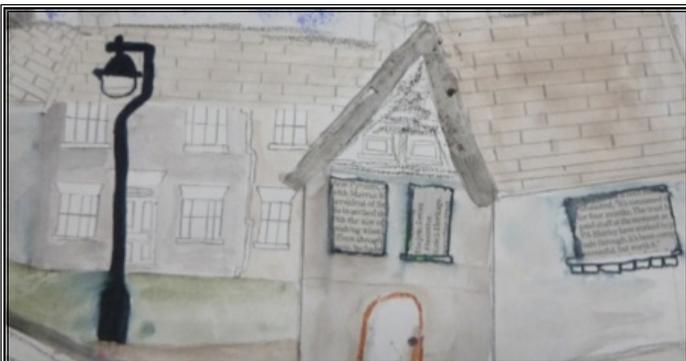
Year 7 visited Colchester Castle, the first of the great keeps and the largest built by the Normans in Europe. Construction of the castle began in 1076, probably under the supervision of Gundulf, Bishop of Rochester who built the White Tower at London. William I ordered a stone castle on the strategic route between East Anglia and London. It was constructed on the foundations of the Temple of Claudius, built when Colchester was the first Roman capital of Britain. They incorporated the base of the temple into the foundations of the great tower. It measures 46 by 33.5 metres.



Year 8 Art, Gifted and Talented



On a cold and snowy Wednesday morning on 30 January, Year 8 Art students walked into Debenham Village. They had looked at the work of John Piper and Soodle Street in class and were off for some inspiration in Debenham village. The students made some quick initial observational sketches in a range of different media. They were then given a longer amount of time to make a more detailed observational drawing of their chosen building. On their return to school they worked from their drawings and the photographs they had taken to produce a response. Their final response was of their chosen building in the style of their chosen artist. The students produced some fantastic work.



Sporting news

Netball

Year 7

Lost Alde Valley, Bungay & Thomas Mills
Year 8 drew with Thomas Mills and
Bungay, but lost to Alde Valley



Hockey

Year 10 Boys

Lost to Thomas Mills 2-0 and Hartismere
3-0 and Bungay 2-0

Year 11 Girls drew with Hartismere and
beat Thomas Mills and Bungay



So many of our students are involved in activities outside school, but we thought that this one deserved a special mention. On Sunday 20 January, Archie Fryatt, Year 11, won the Junior Bangers Race at Adrian Flux Arena, King's Lynn. A brilliant start to 2019 for Archie.

Sporting news

Year 10 Sports Leaders become marshals at the Primary Cross Country at Framligham College on a sunny January day. A group of 17 students helped competitors find their way around the challenging course during the race. Year 3,4, 5 & 6 all took part over 8 races and our Sports Leaders did a wonderful job. The weather was good and the Sports Leaders came equipped with warm clothes and some even brought a flask of tea with them! Thank you to all of the Year 10 that volunteered to help.



Emma and Ellie on the finish line



Netball Year 8



Sporting news

Year 9 Rugby

The squad after their three games at the North Suffolk tournament. We lost to Thomas Mills High School, yet won against Denes High School and Pakefield Academy. Well done to the team in their first fixture for a while.



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Simply Stylish, Pod C, Market Square,
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