



GRATELEY HOUSE SCHOOL NEWSLETTER


Be Kind, Be Brave, Be You



Issue 3

Summer Term

2022



Headteacher's Welcome

Be Kind Be Brave Be You

Dear Reader,

Welcome to the school's third and final newsletter this year!

As we enjoy some beautiful weather, it is wonderful to take some time to reflect on all the wonderful moments and achievements that have happened this year. This year, we have seen the school continue to go from strength to strength.

This term has been another term packed with student achievements, a wide range of learning activities and lots of school visits, some of which we will celebrate in this newsletter.

We have continued to embed our new curriculum, providing students with well-planned and sequenced lessons within each subject. Furthermore, we have enriched our curriculum by providing additional learning activities including Cultural & Religion Week, National Insect week and a new Library.

We have had a big focus on reading this term, coinciding with the creation of our new library, and we will continue to promote reading next year. We see reading as the foundation for learning, and the most important skill that our students can learn. We aim to ensure that every child reads, in every single lesson. Further information about our new library features in this newsletter.

Alongside these new developments, we have continued to provide opportunities for personal development across the education day and residential curriculum, including a Swimathon, sponsored bike rides, fun runs, charity cake competitions, Careers week, work experience, football matches, summer solstice, London visits, chess tournaments and many more.

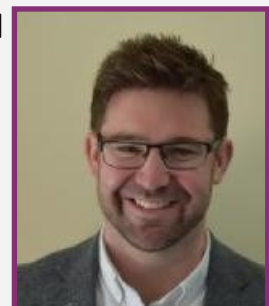
Unfortunately, we are saying goodbye and good luck to several of our older students this year as they embark on new adventures beyond Grateley House School. We wish them all the best as they move on to college placements, supported internship or employment.

As we look forward, we are excited to see how the school grows and develops across next year.

Please stay safe over the summer and enjoy the nice weather.

Dan Tresman

Headteacher



Ofsted Care Outcome

Be Kind Be Brave Be You

On 1st March 2022, we welcomed two Ofsted inspectors into the school to conduct a care inspection under the social care common inspection framework. Ofsted inspections can be challenging times for our students, but all students responded well and were a credit to the school. The inspectors commented on how impressed they were by the students and how lovely it was to spend time with them talking about their experiences in school. The school is proud to say that we have achieved a **Requires Improvement** grade from the inspection. This is not the school's end goal, but shows the school has made a tangible step of progress in the right direction on its school improvement journey. Some quotes from the report are highlighted below:



- As you will read from the report, the inspectors were pleased with how students are **'cared for by a skilled staff team'** and benefit from the positive relationships they have with you.
- Students report being **'happy and having good relationships'** with the staff team.
- The inspectors also recognised the important role the wider multi-disciplinary therapy team have on student progress and how this is having a **'positive impact on students mental health and well-being'**.
- It is wonderful to read in the report how students explained to the inspectors how proud they are of their achievements in relation to their education, social and life skills.
- Inspectors reported that **'appropriate fire safety checks and health and safety checks'** are undertaken regularly in order to keep children safe within their home environments.
- They noted that the use of physical intervention was **'rare and has only been used on two occasions since the last inspection'**.
- In addition, inspectors reported that we all have a **'good understanding of the students' risks and vulnerabilities'** and have taken appropriate action to support these.
- Inspectors commented that the **'Headteacher and Head of Care have high aspirations for the school'** and they could see positive **'change on a wider school level'**.

As much as we are proud of the school improvements we have made, and the positive impact they have had on our students, we remain deeply committed to ensuring we continue to make progress towards making this school the best place it can be for our students. We look forward to our next inspection. Thank you for all your support, and well done again to our students for how they spoke to inspectors during the inspection.

Cultural & Religion Festival Week

Be Kind Be Brave Be You



In the last week of May, Grateley House School held its first ever Cultural and Religion festival designed to help students of the school to learn about other cultures, religions and traditions in this country and throughout the world.



We were lucky enough to have a host of guests, either visit us in person or online from their various locations across the globe. Students were encouraged to embrace the differences and



learn about all things culture as well as how this links to British Values. The week was planned in conjunction with the



United Nations decreed World Day for Cultural Diversity for Dialogue and Development and this was discussed at length at our weekly themed assembly delivered by Adam Clark on Day 1 of the festival. As part of the assembly, students were shown a video recording from Oliver, who now resides in Norway and he was able to tell the students all about the differences of going to school in Norway compared to being educated in the UK.

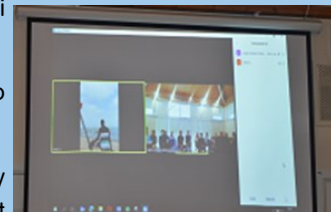


As an extension to the assembly, the owner and manager Habi Sanyang then gave students a live online tour of the Ocean Bar & Grill in Tanji, The Gambia. He was able to tell students all about how and why the bar was built, who it caters for, as well as showing us around via a live link. Habi spoke to students about life in The Gambia with particular references to religious preferences, facilities that Habi was very proud to talk about such as the restaurant being the only working toilet in the town and all of the locals were able to use it and he also told us how donkeys and carts were used



as auxiliary ambulances when needed!) and growing up in The Gambia. Habi also showed the students the local village and the beach area where locals were waiting for the next delivery of fish to eat that day. It was a real eye-opener for the students to see just how different life was in The Gambia. A handful of students stayed for longer to ask Habi some questions, which was lovely to see. We are hopeful that Habi will remain a cultural partner of the school in the future.

Students then spent some time researching various religions and were required to complete a profile of the religion, as well as a poster.



On Day 2 of the festival, students received an in-person talk on Christianity from Abby and Glen from St Mary's Church in Andover. Students were hugely respectful of what



they had to say and managed to come up with some very searching and thought provoking questions. As a second part of the assembly, the school had agreed a cultural partnership with Salesianas Torrent - Colegio María Auxiliadora school in Valencia, Spain. Their students had planned resources to show the students of Grateley House all about their local customs and traditions as well as giving the audience a video tour of their school. Our students were able to see just how much importance they place on traditions as well as clearly working hard on their English skills. We hope to reciprocate with a video

tour of our own in the near future, so that the students at Auxiliadora school can see what life is like for Grateley students from day-to-day. It is hoped that our new cultural partners in Valencia will work with us on other cultural ventures over the next few years.

Students were then invited to complete a word challenge, gathering letters from their respective classes to make a culturally diverse phrase. Additionally, they were also given the chance to write letters to schools in The Gambia, Valencia (Spain) & Queensland (Australia).

Across the 2 days, the students engaged fantastically well with what was a very different day than they were used to. We hope to make the festival a yearly event as well as making it bigger and better next year. We have more details of this festival on the school website.



Swimathon

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On Friday 6th May, Grateley House School decided to participate in the Swimathon with the challenge of swimming 4.5k in an indoor pool at the Andover Leisure Centre. Swimathon is a national swimming event taking place in pools across the UK and is the world's biggest annual pool-based fundraising swim. Grateley's team was formed by 4 students and 4 staff members. The event was a great opportunity to develop fantastic team work skills, as well as both students and staff enjoying the challenge whilst pushing themselves to their limits. So much so, they decided to keep pushing until they reached a distance of 5k! This is an incredible achievement to celebrate.

Completing the challenge in 1 hour and 5 minutes. Weeks of training have paid off and seeing the smile on the team along with their medals was priceless! In addition, we have raised the outstanding amount of £282 for Cancer Research UK and Marie Curie.



Grateley House School VS St. Edward's

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On the 24.05.2022, Grateley House School was invited to play a football match against St. Edward's School at Melcher Court in Romsey.

It was a great opportunity for our students to play a 5-a-side football match on a stunning astro turf pitch but most importantly to compete and work as a team against a school that had greater experience in tournaments.

The match did not disappoint, with both teams showing a high level of intensity during the first half. A goal by St. Edward's right at the end of the first half opened up the score. As Grateley became more settled, two goals by Henry at the start of the second half put Grateley at front 1-2.

Unfortunately, in the last 5 minutes a rapid comeback from was shown by St. Edwards, leaving the final result 4-2 for the locals. A great, sportive atmosphere with two teams showing outstanding sportsmanship during the whole match.

Regardless of the result, staff and students met at the end of the match to congratulate each other for all the commitment and hard work during the game Amazing work by Grateley, especially how



they worked as a team and not giving up when the difficulties were coming at them whilst playing against a more experienced team.

Well done GHS team, you made us really proud!



Cambian Cake Competition

Be Kind Be Brave Be You

The
CareTech
Cake Off
Competition



Grateley House School

Hannah (18) and Tanna (Kittanna) (12) with Rachel Ewence (SLSW) endured two fun long evenings sessions of baking and icing a cake for the Cake Off Competition. Rachel has coached and encouraged the girls to take a full and active part in creating the impressive culinary delight, which resulted in some very colourful hands. They ended up with a spectacular cake which both girls are extremely proud of.

The students from the Grateley House School even sold slices of their brilliant cake. They ended up raising over £75 for @UNICEF to help the victims of the war in Ukraine.

Portsmouth Historic Dockyard Trip

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On bank holiday Monday 2nd May, a group of nine students and 6 staff visited Portsmouth's Historic Dockyard to see King Henry VIII's warship, The Mary Rose and to tour Admiral Lord Nelson's flagship—The Victory. It was a very interesting educational trip with all students engrossed in what they saw – from 500 year old everyday items like drinking vessels and cutlery, to weapons of war from the time The Mary Rose warship sank in The Solent in July 1545 AD. It was recovered from the seabed 437 years later and installed as a permanent exhibit at the dockyard after years of careful preservation. It was fantastic to be able to see the oldest warship in the world, and so many historic artefacts at such close quarters.

Aboard The Victory, we took a full tour from HMS Victory's poop deck, from where we could see, some modern aircraft carriers in dock and down to the hold at the very bottom of the ship. We were even able to walk around underneath the hull and to see how she was constructed. There was so much to see, and it was great to be able to experience how sailors lived on both vessels and to really connect with these amazing ships of war from the past.



**Viewing aircraft carriers from
HMS Victory's poop deck.**

**This student tests
his longbow
pulling skills in
the Mary Rose
Museum.**



Jubilee Day

Be Kind Be Brave Be You

To celebrate the Queen's Jubilee this June, students and staff at Grateley House dressed in red, white and blue and took part in a GHS Wimbledon style tennis tournament.



All students were given a commemorative bookmark and we all finished the day with scones with cream and jam.

GHS Wimbledon Tennis Tournament

Short, mini tennis matches were organised where students and staff played together some very competitive doubles matches. We experienced an amazing, sunny atmosphere during



break and lunch time with great support from staff and students that joined the tournament, spectating the sporting event.

Agnieszka and Henry vs George and Buddy displayed a solid level of tennis, turning up deservedly in the final. With a really exciting final match that took place on the MUGA,



with endless rallies. Ended with Agnieszka and Henry winning with a victory of 10-6.

A fantastic atmosphere that we had from the morning though to the afternoon, ended the Spring term in a festive and sportive manner.

New Parkland Equipment

Be Kind Be Brave Be You

Thank you for our School Council members for their help and support in requesting new parkland equipment. Student views were gathered, and they requested more age appropriate apparatus. The school was able to install a bouldering wall, a shelter, a basket swing and a new set of typical swings. It has been great to see students enjoying this new provision at school and we look forward to officially opening the parkland on celebration day.



Money Raised 2021/22

Be Kind Be Brave Be You

Date	£'s Raised	By whom?	How?	Which Charity?
17.09.21	£140	ALL	Wearing jeans to work and cake sale	Jeans for Genes
24.09.21	£151.73	ALL	Cake sale	Macmillan
22.10.21	£50.05	ALL	Cake sale and wearing pink	Breast Cancer
19.11.21	£86.04	ALL	Wearing non-uniform and own clothes	Children in Need
10 & 17.12.21	£57.50	ALL	Wearing Christmas jumpers and selling items at the Christmas fayre	Save the Children
04.02.22	£49.88	ALL	Wearing red and bake sale	National Wear Red Day
17.02.22	£49.88	ALL	Bake sale	Place2be
18.03.22	£14.40	ALL	Selling red noses	Red Nose Day
31.03.22	£45.00	ALL	Bake sale	DEC Ukraine Humanitarian Appeal
21.04.22	£200	ALL	Cycling 1300km over 113 rides	Sport Relief
06.05.22	£275	ALL	Swimathon	Marie Curie Foundation
20.05.22	£13	Stratford Lodge	Guess the sweets in the jar	DEC Ukraine Humanitarian Appeal
Summer Term	£230	Stratford Lodge	complete the 285 miles by running, walking, swimming, cycling	British Red Cross Foundation

Danebury & Ampport House Summer Activities

Be Kind Be Brave Be You

There have been various activities and trips going on in Danebury and Ampport this term...

The 21st of June is the day of the summer solstice and for many years Stonehenge in Wiltshire has been a gathering place for many cultures and religions to meet and celebrate the longest day of the year and watch the sun rise over the heal stone.

To attend the Solstice, Hannah and Chris left Grateley House School at 2:00am in the morning, they drove out of the gate as silently as they could and headed to the A303 and Stonehenge, the drive only takes about twenty minutes but after they parked up it was a mile and a half walk to the henge.



There were lots of lights and people drumming and singing in the distance. As they got closer to the stones, the mist became very dense and it was getting very cold and people were wondering if they would be able to see the sunrise. Although while they were waiting they met some very interesting people.

Soon it was time for sunrise and the mist just got thicker and thicker and it got colder and colder. By the time sunrise had passed, they decided that it was best to go back to the car and head home. Hannah and Chris were a little disappointed that they did not see the sunrise over the stone but were glad they went.

Fred, Hannah and Chris hitched a ride in one of GHS's minibuses and headed to Grateley Station to catch the early train into London, their plan was to visit Brick Lane to take a look at the street art and then have lunch in Leicester Squares finest Burger Joint and then take a look at Chinatown.

They were lucky with the weather as it had been threatening rain all week but as they pulled into Waterloo, the sun broke through and stayed with them all day. They entered the underground and soon arrived at Liverpool Street Station and headed towards Brick Lane where they were ambushed by a heard of elephants.



Next they fended them off with sticky buns and peanuts and continued to Brick Lane, Brick Lane is a multi-cultural area of London and is one of the capitals best areas to see street art and shop for vintage clothes and music.



Back on the tube they went and headed towards Burger King in Leicester Square where they did vegan food, which Hannah especially appreciated as she does not eat meat.

After a late lunch it was time to visit Chinatown which is just a stone throw from Leicester Square, to take in the sights, sounds and smells coming from the many restaurants in the area.

We then decided it was time to head back to Waterloo and catch the train home but not before they stopped off at Leake Street Tunnels, another street art location under Waterloo Station.

This term the guys also took to paddle boarding! On arrival they were met by a friendly and helpful team, showing them where to collect the wetsuits and change all ready for the excitement. One by one the students were given a briefing on how NOT to fall off the paddle boards. They sat next to the pool in tears of laughter watching the balancing, creative ways of not falling off, but most of all the different moves they performed on their way into the water.

After an hour of in and out of the water, sometimes with the assistance of their peers, they were ready to head back to school. A few snores later they were back to school. With everyone rested and fed they were ready to take on the rest of



the day and off to Tidworth we went for the Armed forces open day. Some enjoyed it so much they went back for a second time later in the evening to enjoy the atmosphere and music celebrating all the men and woman who dedicate their lives to protecting ours.



Overall, a brilliant day and they (staff and students) are looking forward to the next adventures they may take on!

Kimpton House Summer Activities

Be Kind Be Brave Be You

As usual it has been a busy term in Kimpton, with all the students getting involved in various activities. We have our regular weekly Cook Night, which have been very successful, seeing some lovely dishes being created and served to each other.

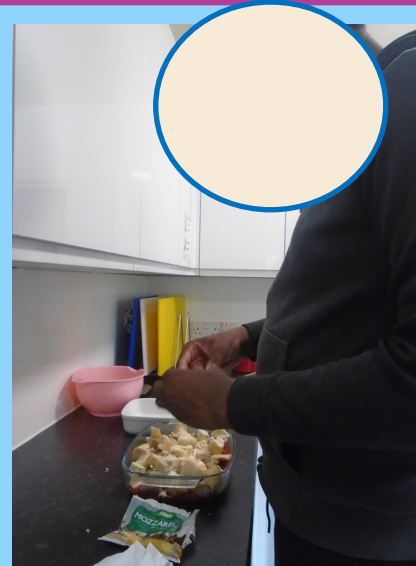
Off site nights have also been entertaining with trips to Ninja Warrior, Flip Out, Laser Quest, the local Golf Range and various park walks. We have also visited our local cinema to see a couple of exciting block busters.

The garden has been a challenge that has yet to be completed, however the birds are being fed regularly with seed and fat balls monitored closely by Roxanne.



There has been plenty of creativity going on in the House with some lovely art work being created.

This term, all of the Kimpton students have after school jobs, both Roxanne and Courtnall are responsible for the Recycling Job, Jesse does a weekly mini bus cleaning job and paper round, and Immie looks after the Rabbit. Roxanne also started to work in the school kitchen, helping to create some lovely puddings, lemon cheesecake being her speciality. Courtnall continues to attend Sea Cadets and Football Club, both outside of the school.



Monxton House Summer Activities

Be Kind Be Brave Be You

In Monxton this term there have been various trips into the community. Carter enjoys walking - going for long walks around Grateley and surrounding areas and has accessed train travel to walk around Andover! This has spurred on an interest for independent local offsite status that he is working towards to enable him to go on walks independently!

Students had the opportunity to go crab-fishing at Mudeford earlier this term, resulting in Kittanna with the support from staff catching 13 crabs! This trip was thoroughly enjoyed!

Also over the last term, Harper had a change in his timetable and was given the opportunity to go fishing 1:1, which he took! He attended over a few weeks and picked it up well! Hopefully he can take advantage of some more good weather and go again soon!



Subject News - DT

Be Kind Be Brave Be You



This fantastic model has been made by Fred in the DT workshop. It is a Land Rover Defender and has been modelled in plywood, mahogany turned on the wood lathe for the wheel and includes working head lamps and a steel- fabricated roof rack. He worked out the proportions for his model from real life dimensions and was keen to use a variety of materials to

construct the piece. It has taken him just over one half term to make.

This model will be entered for the new NCFE level two qualification in this Summer's exam run. Well done Fred – very impressive!

Subject News - Science

Be Kind Be Brave Be You

Students have continued working hard covering various aspects of the science curriculum this term.

Year 8 students have been studying forces trying to get their heads around the difference between mass and weight; this is tricky when in everyday language people use the word 'weight' as a measure in grams or kilograms, whereas in science this is actually 'mass', how much of a substance there is. Whereas 'weight' is mass affected by gravity and measured in Newtons. No wonder they find this confusing! By comparison, air resistance, investigating different sizes of parachute dropped from the top of the main house stairs, proved to be much more fun.

Year 9 students completed their chemistry studies of bonding – ionic, covalent and metallic – before moving on to Physics topics of energy and energy transfers and getting to grips with kinetic energy problems involving the equation $E_k = 0.5 \times \text{mass} \times \text{velocity}^2$.

Year 10s have been working on electricity through electrical components and calculations of resistance in series and parallel circuits to mains electricity, whilst the Year 11 students have continued working hard towards their GCSE exams. This year their studies have led to different GCSE qualifications: Combined Science Trilogy – worth 2 GCSE, or Biology worth 1 GCSE, or in the case of two students, three separate GCSE sciences of Biology, Chemistry and Physics, which involved a lot of additional study, but as they wish to go on to study A levels, this was deemed essential.

Between the end of GCSE exams and the Year 10 Mock exams we have managed to squeeze in a week of learning for National Insect week.

Unfortunately, this coincided with the weather change to a rather gloomy wet week, but we were still able to see many different species of bee, lots of blackfly with many types of ladybirds predated on them and the lovely stripy cinnabar moth caterpillars which were seen to grow at a surprising rate, stripping the top leaves from the plant and so going down to the sturdier parts of the plants as they grew bigger and heavier.



We didn't see any of the adult moths, but they will be about later.

Now the sun is back, the buddleias are in full flower and there are many different species of butterfly and moths to be seen. We are lucky to have such a large outside area and parkland to provide on-site resources and enrichment opportunities enabling students to observe natural history on their doorstep.

Subject News - Art

Be Kind Be Brave Be You

This term in Art, year 8 have looked at sustainability and creating art work from recycled materials. More recently they have been working towards creating products to sell at the GHS Summer Fete. Students have worked to create magnets, key rings, jewellery and polymer models based around a variety of themes and styles all of which will be for sale on Celebration Day.

Polymer Models - Buddy



Sea Dragon - Callum

In year 9, we began the term investigating creatures from the deep sea. Students used wire to create structures that represented sea dragons and fish. This half term, study has been based around The Human Form with students researching and exploring the work of artists; both traditional and abstract. Based on research, drawings and models have been produced in an abstract style with clay forms representing the human body beautifully.

Our year 10 art student has worked hard to develop a diorama based on a railway scene with woodwork and creative arts combining together to form the base for the model.



Railway Diorama - Lucas



Natural Forms - Felix

Year 11 submitted their GCSE portfolios at the end of the Summer 1 term- congratulations and a huge well done to all those that worked hard to get these finished! Moving into this half term, the year 11 students have had the opportunity to explore their own practice through illustration projects.

New Library & Focus on Reading

Be Kind Be Brave Be You

Report from Courtnall

"We now have an excellent revamped library that even has lego sets! I don't have a favourite bit, everything! We have bought lots of new books so we have a full fiction section. Our non fiction is organised in the Dewey system which means everything is easy to find.

I am a library assistant and have helped by taking photos of staff for the display posters, helped with the organisation and with choosing the new resources..."



Reading is highly valued at Grateley and promoted across the school, not just in English lessons.

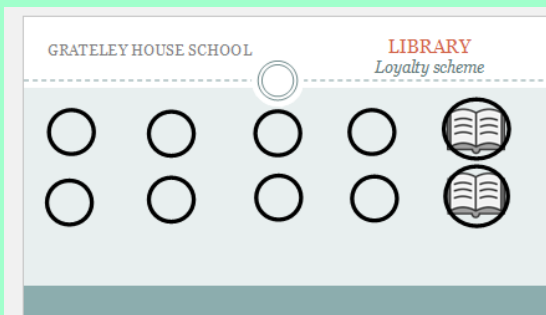
Our intention is for all students to be successful readers and read with confidence, fluency and understanding. We want our pupils to read regularly for pleasure and genuinely be interested in reading.

As part of the relaunch of the library, all of the pupils have been offered the opportunity to purchase a book of their choice with which we will be re-establishing DEAR. We have newspapers, magazines and access to digital devices for reading as well as books.

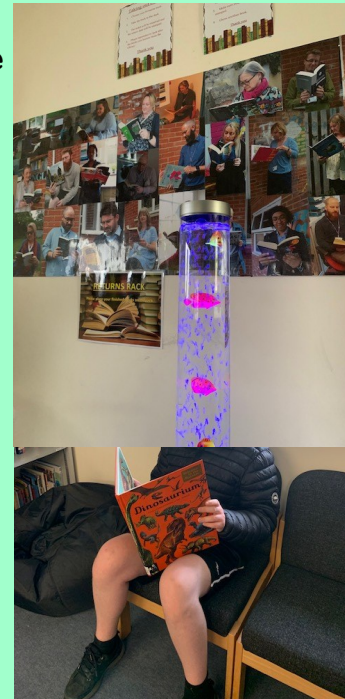
Every week we will be issuing a Literacy award to a student during celebration assembly.

Promoting reading through the support of national events such as World Book Day and getting staff to model good reading behaviour by reading themselves during DEAR when not listening to students.

We want the library and reading to be somewhere and something we all enjoy and be part of. Massive thanks to all



the students and staff who have contributed so far to the re-development of the library. It is a lovely place to be.



Student Work - Math

Be Kind Be Brave Be You

Y8 KS3 Student

Learning Title: Addition and Subtraction of Mixed Fractions
Learning Goals:
 To know: Recall the methods of addition and subtraction of fractions
 To understand: The differences in each method used and how to apply them depending upon operation required
 To be able to: Select and apply the correct method for each operation depending upon operation required
Key Vocabulary: Mixed, denominators, wholes, operators

1.6.2022

whole calculations written as digits while fractions addition is mixed

$1\frac{2}{3} + \frac{3}{4} = 2\frac{5}{12}$

$3\frac{1}{2} + 3\frac{5}{6} = 7\frac{7}{6} = 8\frac{1}{6}$

$1\frac{1}{2} + 2\frac{1}{3} = 3\frac{2}{3}$ *Good progress CE 14/6/22*

5.6.2022

next class is subtraction some leakage of same size blocks used for subtraction

$2\frac{1}{4} - \frac{1}{3} = \frac{21}{24} - \frac{8}{24} = \frac{13}{24}$

$1\frac{1}{2} - \frac{1}{3} = 1\frac{1}{6}$

$2\frac{1}{4} - \frac{1}{3} = 1\frac{5}{12}$

Using Pictorial Representations to show putting fraction onto common denominator in order to add.
 Times added to show full

$\frac{1}{4} + \frac{1}{5} = \frac{5}{20} + \frac{4}{20} = \frac{9}{20}$

$\frac{1}{2} + \frac{1}{6} = \frac{3}{6} + \frac{1}{6} = \frac{4}{6} = \frac{2}{3}$

$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$

$\frac{1}{4} + \frac{1}{5} = \frac{5}{20} + \frac{4}{20} = \frac{9}{20}$

$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$

$\frac{1}{2} + \frac{1}{6} = \frac{3}{6} + \frac{1}{6} = \frac{4}{6} = \frac{2}{3}$

$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$

A year 8 student working on adding fractions of different denominators. To learn the concept of using a common denominator for both the fractions, they use a visual representation of a rectangle in a squared book using the original denominators as the lengths of each side.

A year 10 student studying trigonometric ratios has drawn 3 lines of length equal to 1 on the axis. By measuring down and across to each axis for a given angle the student will recognise the value of sine and cosine for that angle. The sequentially larger right angled triangles is to introduce a student to the concept of surd form for a number where it is expressed as the root of a number instead of a decimal which links into the previous exercise where the sine and cosine of certain angles can be expressed using surd form.

Y10 KS4 Student Studying Trigonometry draw a circle to calculate sine and cosine values given an angle using a calculator for 30°, 45° and 60°. Then did a construction exercise to calculate trigonometric values in surd form.

Good progress CE

Y10 KS4 Student working on Probability (with replacement GC16 3/4) 27/6/22

Alan has 10 colored cubes in a bag. Three of the cubes are Red and 7 are Blue. He removes a cube at random from the bag and notes the colour before replacing it. He then chooses another cube at random. Record a tree diagram for this situation.

$P(R) = \frac{3}{10}$
 $P(B) = \frac{7}{10}$

$P(R|R) = \frac{3}{10}$
 $P(B|R) = \frac{7}{10}$

$P(R|B) = \frac{3}{10}$
 $P(B|B) = \frac{7}{10}$

$P(RR) = \frac{3}{10} \times \frac{3}{10} = \frac{9}{100}$
 $P(RB) = \frac{3}{10} \times \frac{7}{10} = \frac{21}{100}$
 $P(BR) = \frac{7}{10} \times \frac{3}{10} = \frac{21}{100}$
 $P(BB) = \frac{7}{10} \times \frac{7}{10} = \frac{49}{100}$

Knowledge Check
 Date: 26/6/22
 Prior Learning Topic: Calculating Theoretical Probability
 Knowledge Check Question / Task: Draw a tree diagram for Alan's situation. CE 29/4/22

Task 1: Complete the probability tree diagram.

1st spin: Red (1/4), Blue (3/4)
 2nd spin: Red (1/4), Blue (3/4)

$P(RR) = \frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$
 $P(RB) = \frac{1}{4} \times \frac{3}{4} = \frac{3}{16}$
 $P(BR) = \frac{3}{4} \times \frac{1}{4} = \frac{3}{16}$
 $P(BB) = \frac{3}{4} \times \frac{3}{4} = \frac{9}{16}$

Task 2: Work out the probability that Tess takes exactly one green from the bag. ... 20/49

A year 10 student working on probability of combined independent events using a probability tree to describe the chances of an outcome. The student progresses through the questions and each time the amount of help in the form of given information decreases until the student can construct a probability from scratch.

Student Work - English

Be Kind Be Brave Be You

B orn in London
E ssex was home
C entre midfielder
K icking the ball
H e has the number 7 on his shirt
A nd he played for so long for...
M ANCHESTER UNITED!



In Summer term 1, Year 8 were focused on different forms of poetry. Buddy has channelled his football interests into an acrostic poem and Courtnall, his love of dinosaurs into a shape poem.

Year 8 have been studying 'Around the World in 80 days' by Jules Verne. Courtnall has particularly captured the 'tone' of the book in his postcard and reflected what Phileas Fogg would have seen in 1872 India.

Dear friends,

I'm in India, to be exact in Calcutta. I met a savage tiger and a monstrous boar. I was terrified and ran away. I heard plans to build a zoo to contain these vicious beasts. I went to the polo club which was founded in 1862, 10 years ago. It was full of posh people like my self and at Teatime I went to the Cricket club there's some chaps there.

Regards

from Phineas

No.7 Saville Row
Burlington Gardens
London
UK
W1S 2ER



Student Work - English continued

Be Kind Be Brave Be You

YOO

Tah

RAP

Tor

Utah

State

Dinosaur

Feathery

Related to Velociraptor,

But much, much bigger

Vicious, misunderstood

And mysterious

Early Cretaceous Carnivore

With sharp nippy teeth

They relied on their jaws

To eat smaller dinosaurs

Especially the weak

Robust, stocky, short, bipedal

Didn't move quickly

Lacked agility

And power

But intelligent

Eyes like a bald eagle

Binocular vision

Utahraptor

Had feathers

Have you heard?

Shocking

News!

YOO ta

RAPtor!

By Courtall

Year 10 have recently had mock exams. This is a preparatory answer to question 5 from Henry. It is all about the descriptive language and devices!

I had finally made it, months of excruciating travelling. a wave of relief washed over me like a tidal wave. I had never experienced such an exquisite feeling alas, I wasn't prepared for what was in store for me. blinded by my emotions I swiftly placed my bony bulging bag onto the mud coated ground without a care in the world whether it would get wet. I took a step backwards, twisting my ankle over a colossal amount of ivy slithering down the gaping mouth of this entrance to my alleged destination scrambling to my blistered feet, I reached out my cripplingly dysfunctional hand towards the diseased handle. the gates shrieked as I levered the gate open, it has all come down to this I felt my heart throbbing intensely. I took one last hefty rip of my Juul and deeply inhaled the luscious fruity cancer stick. I trotted onwards towards the thing I've been seeking for. It was now in sight.

By Henry

Post-16 News

Be Kind Be Brave Be You

The students in the Post-16 cohort have been completing the last sections of their respective qualifications both onsite in the school or off-site at one of our external college partner sites (such as Andover and Wiltshire Colleges). Qualifications onsite include the Occupational Studies Certificate, the Award in Creative Crafts as well as Functional Skills in English and Maths. Students at college are completing courses in Music Production, Performing Arts, A-Level Biology and Chemistry, ICT & eSports as well as Foundation Learning.

This is always an exciting time as qualifications are being gained, awarding bodies have validated these qualifications through visits onsite and online, student planning for moving on to new placements has been in full motion as well as inviting the current Year 11 students into the cohort once they had finished their exams.



The transition group (Year 11 and post-16) recently went on a trip together to the Hawk Conservancy Trust to help the two groups bond. This was a successful trip, enjoyed by all.

In terms of work experience, the Post-16 students have completed a combined total of 509 hours in work-based learning placements in this last academic year. Massive thanks to our internal and external partners for making this a possibility. The skills that have been gained through the placements are invaluable to the students' employability options, communication and community learning progress across the academic year.

We are also happy to announce that we will be working closely with Enham Trust from September, with reference to work-related learning in areas such as gardening, business administration, hospitality and catering, customer service, radio production and sport all on one site in Enham Alamein near Andover. This is a huge opportunity for the school to work with an established provider of work-based education. This will help to underpin our students' qualifications and skills for years to come.

Stratford Lodge News

Be Kind Be Brave Be You



This Summer the Stratford Lodge team of staff and students have opted to participate in the British Red Cross initiative "Miles for Refugees". Our termly theme has been health and fitness, so

this seemed like the perfect charitable cause. All through the month of June we have been running, walking, swimming, cycling and even 'beat sabre-ing' our way to complete the 285 mile distance from London to Paris. We have so far reached 303.25 miles with physical contributions from the whole home. We have also already smashed our target which was £150 and have raised £230 which will be matched by the Caretech Foundation when we complete the challenge.

The money we raise will help the British Red Cross to support refugees in the UK and around the world to find safety, to rebuild their lives and to reunite with their loved ones.

As well this summer term, we have been doing a variety of activities - involving having a health improvement coach coming in weekly to discuss all areas of healthy eating. Sam has been going to yoga every week with Sarah. James visited the tank museum and Steph when to Bournemouth to visit a cat café. There was a pizza night here at Stratford lodge with Rachel, one of the Occupational Therapists at Grateley and we even had an onsite BBQ to enjoy the lovely hot weather! So in all it has been a busy and exciting term!



New Starters within Therapy

Be Kind Be Brave Be You

This term has seen several changes within the therapy team at Grateley House School.

We bid farewell to Bex Dumper, our OT who has been at GHS for two and a half years and worked very hard to support the school and the students. Rachel Legg who was at GHS before Bex has re-joined the school after a couple of years working in other Cambian schools and currently works 4 days a week.



We have welcomed Tom Coldwell and Emerlee Stewart to their assistant psychologist posts.

Tom has come from a specialist education background and has interests in music and sport.



Emerlee is from a background of working with adults and young adults with a variety of mental health needs. Em is currently doing a masters in Psychology and enjoys paddle boarding!

Dr Joe Lowenstein is a Consultant Clinical Psychologist who started with GHS in January 2022. Joe has come from a background working in the NHS for the last 10 years, mainly in forensic services. Joe works two days a week at GHS site (Tuesday and Thursday).

Dr V continues to support the service one day a week and her input and expertise is valued across the school.

We are unfortunately saying goodbye to Laura Hewett, our SALT, during the summer holidays. Laura is going on to progress her career in other areas and we wish her all the best for the future.

School Council

Be Kind Be Brave Be You

This year the student council have met regularly to discuss pressing issues that rise from the student body. The impact of having these meetings has resulted in new play equipment on the parkland, outside clocks and a plethora of activities, fundraisers and trips.

We thank each member of the council for raising the voices of their peers and ensuring outcomes are productive and welcomed by all.

Safeguarding Topic

Be Kind Be Brave Be You

The Prevalence of 'County Lines'

Sadly, criminal exploitation of children is a major safeguarding concern in the United Kingdom today, and one that parents need to be aware of. County Lines is of particular concern and is growing at an alarming rate. It is a process whereby criminal gangs befriend children, either online or off-line, and manipulate them into entering the dark world of drug dealing. The gangs provide the children with numerous mobile phones which they then use to give instructions and monitor them while delivering the drugs. The gangs use fear as a method of control to ensure the children do what they want. The children are often required to deliver drugs to towns and villages outside of their home county, hence the name 'county lines', but they can also be used for drug dealing in their own area.

Young people between the ages of fourteen and seventeen are the most likely targets for these gangs, however there is evidence of children as young as seven being groomed. Vulnerable young people are at risk and are often viewed by the callous criminals as easy targets.

County lines is present across the country and has been identified as a growing threat in Hampshire. The majority of police forces in the UK have reported county lines activity in their area. Worryingly, they report that the use of violence and threats by the perpetrators to maintain control of the children is increasing.

Signs that your child might have been lured into the world of county lines to watch out for are:

- Your child speaking to new people online and developing a friendship with them. (Gangs are known to target online gaming platforms and social media and they are master manipulators).
- Your child acquiring a mobile phone/s from someone else.
- Your child displaying new emotional symptoms such as withdrawal, anxiety and fear.
- Your child leaving the house frequently or requesting to leave the house for some activity or to meet 'friends'.
- Your child coming home with unexplained injuries or bruising.
- Your child being given gifts (often expensive ones).

These are just some of the signs that a young person might display if they have been groomed into the sinister world of county lines. If you are worried about any issue involving your child please contact the Designated Safeguarding Lead at school. If you are concerned about any safeguarding issue during the summer holiday please contact the Multi-agency Team of your Local Authority (MASH) and made a report or phone 101 and inform the police.

We wish you all a happy and safe summer holiday with lots of sunshine.

End of Term Plans - Activity Week

Be Kind Be Brave Be You

We are ending the summer term with our traditional activities week. This is a chance for students and staff to celebrate the end of term, and enjoy some shared experiences outside of the classroom.



This year, students are going to enjoy visiting Thorpe Park theme park, where they will put their nerves to the test on some of the country's best rollercoasters!



Students also have the opportunity to go to Splashdown Water Park – a perfect activity for the hot weather.

They also have the chance to play Laser tag here at Grateley.

Other activities on during the week include arts & crafts, sports club and gaming.

