



CARSHALTON HIGH SCHOOL FOR GIRLS

CURRICULUM NEWSLETTER



Welcome

Dear Parents/Carers

Welcome to our second curriculum newsletter of this academic year. I joined the school in September as Deputy Head for Quality of Education and have really enjoyed my first sixth months at CHSG seeing the fantastic teaching happening here every day and wonderful work our students produce. I hope you enjoy reading about the learning of each year group in this newsletter.

Year 11 & 13 Mock Examinations

We wish our year 11s and 13s the best of luck in their mock examinations which start straight after the half term break. Both year groups have been developing their revision strategies this half term. Assemblies have been held for both pupils and parents on how to revise and prepare both physically and emotionally for public examinations.

Inset Days Spring Term

We have 2 inset days next half term - Monday 19th February and Friday 15th March to support the continuing development of our staff.

Parent Consultation Evenings and Academic Review Days

Our staff have really valued the opportunity to see so many of you across this half term at parent consultation evenings for Year 8, 12 and 13 and our academic review day for Year 9, 11 and 13. Both of these events are important opportunities for you to get personalised feedback on your child in specific subjects and on their overall engagement in school life. We look forward to seeing Year 8 and 10 parents at the academic review day and Year 11 parents for their consultation evening on Thursday 21st March.

Jack Petchey Speak Out

We were fortunate to be able to host an interactive 'Speakout Workshop' delivered by the Jack Petchey Foundation to 28 of our Year 10 students. By the end of the workshop every student delivered a high quality



speech they created from scratch to their classmates, it was wonderful to see students who initially struggled with confidence and public speaking to be able to achieve this. As the workshop was so successful we will be running another one for Year 10 next term.



Dance Show

CHSG's annual dance show 'Dance the Night Away' is on Thursday 29th February. Students from Years 7 to 13 will be performing in the show. Students have been working extremely hard towards the show and cannot wait to showcase their competition pieces, solos and GCSE work. Tickets are now available on [Parent Pay](#) and closes 27th February and costs £4 for all. Refreshments will be available on the night and will be served by our lovely Sixth Form students, who are raising money for their Year 13 leavers prom. Please bring cash only.

Mary Poppins

This year's musical, Mary Poppins, is in the final stages of rehearsal and is sure to transport many of us back to watching the film as a child. Students from across the key stages are taking part, both on stage and backstage. Performances are on Tuesday 12th-Thursday 14th March at 7pm. Tickets are available via [Parent Pay](#). Tickets cost £5 and there will be light refreshments available on the night.

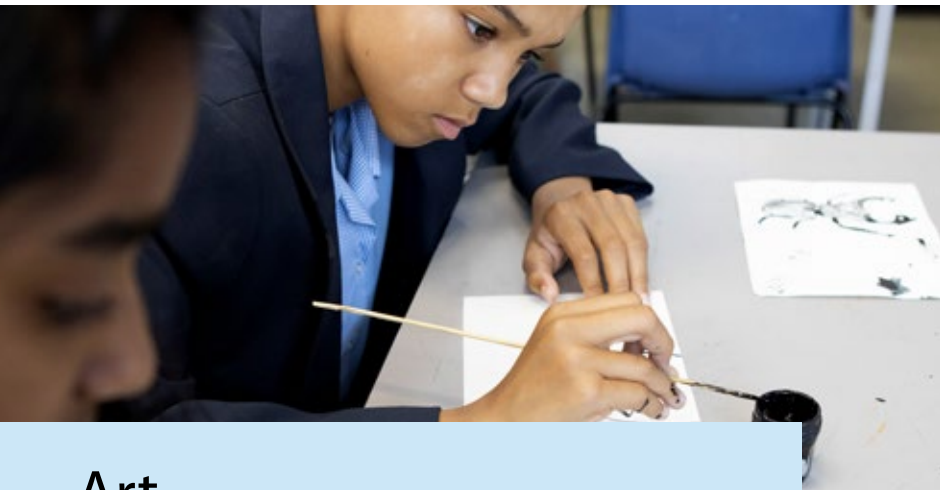
Trips

Pupils from all year groups have enjoyed a range of trips this half term with many more to look forward to next half term.

- National Portrait Gallery, Year 8 - 11th January
- 'The Witches' theatre trip Year 9 and 10 - 15th January
- V& Museum Year 10 and 12 - 26th /30th January
- Bett show Year 12 - 26th January
- London Philharmonia - 21st February
- Oxford University Year 11-13 - 26th February
- 'Wicked' theatre trip year 12+13 - 27th February
- National Apprenticeship Show Year 10-13 - 27th February
- Lesson from Auschwitz Year 12 - 29th February
- National Gallery, Year 8 - 7th March
- 'The Lion King' theatre trip Year 8 - 19th March
- 'Feel Me' theatre trip Year 8 - 27th March

All the staff at CHSG hope you enjoy the half term break with your families.

Jacqui Green
Deputy Headteacher



Art

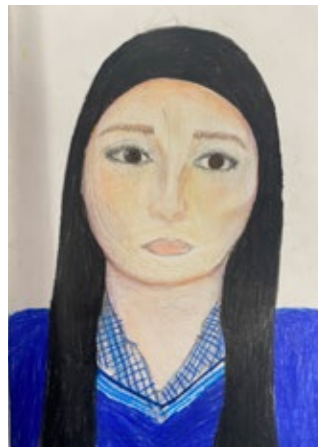
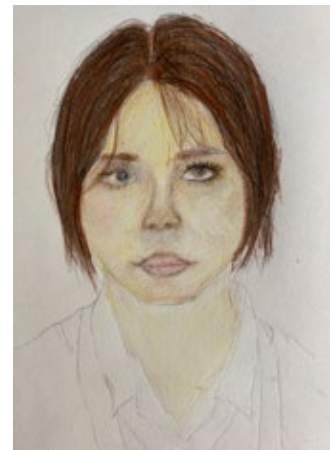
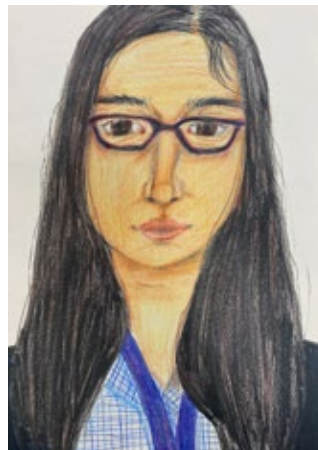
Year 7 have been learning about and exploring the formal elements in art and studying Paul Cezanne's work. Students have been enjoying painting and learning how to paint in different techniques.



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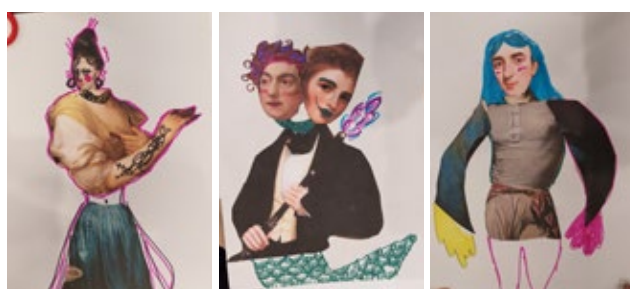
Year 8 students have continued to explore 21st Century portraits. They have been learning about Kehinde Wiley’s art and his unique approach to portraiture. They have completed self-portrait drawings and are in the process of printing floral patterns as a background. Students will be exploring some digital art on Photoshop after half term.



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This half-term our Year 8 Art students were given the opportunity to visit the recently re-opened National Portrait Gallery in a visit which supported them in their work on the theme of 'portraiture'. The students enjoyed taking in the sight of the iconic London skyline as we crossed over the footbridge from Waterloo to Charing Cross and Trafalgar Square. They were welcomed into the Gallery by a visiting artist who led a workshop introducing the students to themes of identity through portraiture, and teaching them how to better interpret the works of art in the Gallery's collection. This was followed by a tour of the galleries during which the students were given time to draw some of the art works on display; they were also invited to take turns as the 'tour guide', practising their visual analysis skills. The visit concluded back in the art studio where they all created their own unique portrait using collage techniques from a selection of resources provided, with some fantastic results!



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Year 9 Art students have been using a variety of media and techniques to describe close ups of natural forms including bacteria and cells; they have worked hard to create beautiful, abstracted pieces using ink, dry point etching, monoprint, soap sculptures, charcoal drawings. These are just few of the exciting and outstanding results:



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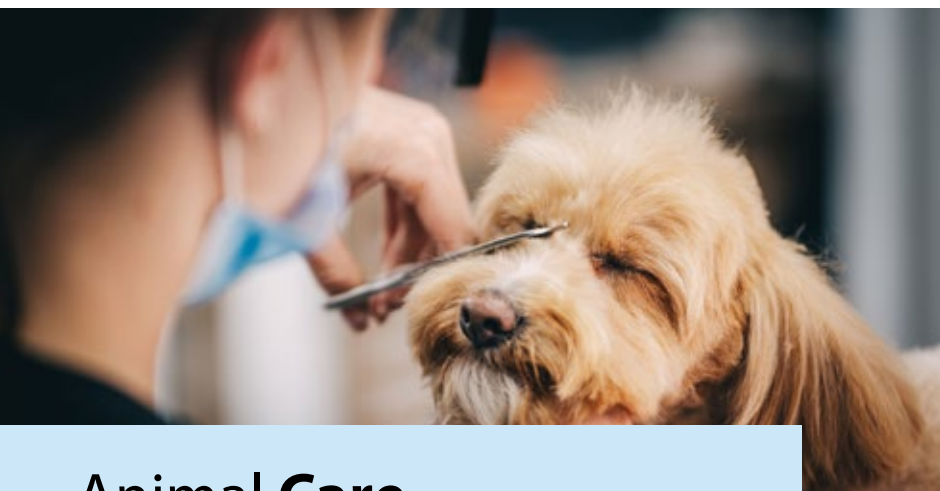


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More examples of work can be found on our website here: www.chsg.org.uk/spring-term-24-student-artwork

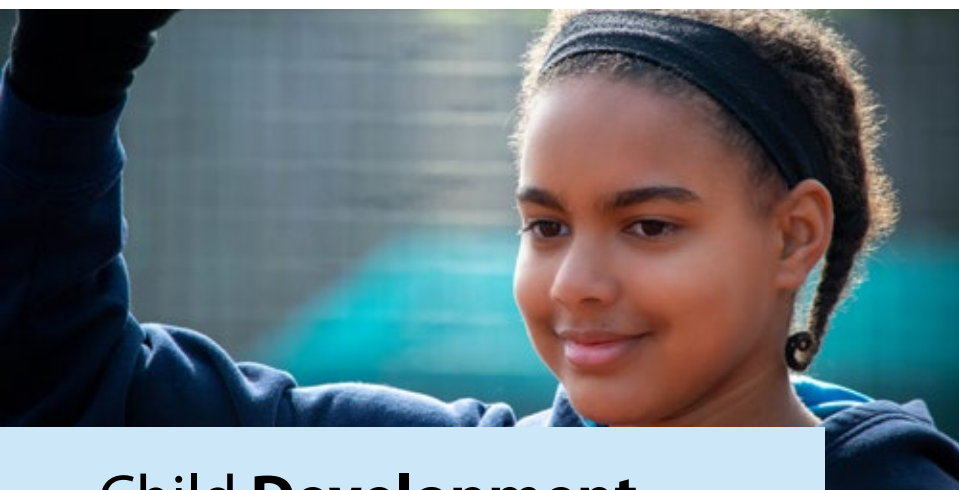
Year 9 Photography students have been learning new skills and techniques in Photoshop and experimenting with physical manipulations. They have been practicing their photography skills and developing their camera skills by taking interesting abstract photographs with some really beautiful results.

We had the privilege of hosting Janet Barnes who ran an excellent workshop for our Year 10 and 11 students exploring Urban landscapes by mark making with charcoal. The students really enjoyed this and have been able to apply some of the skills they've learned into their GCSE coursework.



Animal Care

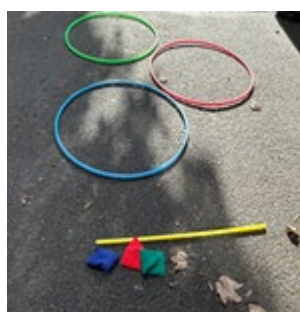
Year 9 have been very busy preparing for their first formal assessment. They are planning to handle both a small pet and a reptile, whilst being observed and filmed. They have had a lot of learning to get through to prepare them for this task and they have all approached this with enthusiasm and inquisitive minds. In the next newsletter, we should be able to share some exciting stills of snake handling!



Child Development

Year 9s have been learning Topic 1 of their course and how now embarked on Topic 2; making them into experts in all things to do with reproduction and childbirth. Please do quiz them! Year 10 have been just as busy completing coursework which has focused on childcare equipment and child safety. They are now learning about nutrition. They will soon be completing a 'baby bottle' assessed practical. Year 11 have been even busier, as they have been completing their final piece of coursework, which has involved observing a real child, applying their understanding

of child development, and then planning activities to promote development. They are now preparing for their final examination in May.



Part of the obstacle course Grace S built for a young child to develop their gross motor skills.

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Citizenship

This term, Year 7 students have been exploring Local Democracy, learning about the differences between local and national government, the roles of local councils, and the importance of local elections. They've also discovered how young people can participate in local decision-making. Moving forward, they'll learn about the UK's political system, how national elections function, the responsibilities of MPs, and the role of the monarchy. This foundation aims to provide students with a solid understanding of the UK government's workings while also exploring where they, as individuals, fit within our broader society.

Following their unit on the importance of voting and the historical battles for voting rights, Year 8 students have delved into understanding laws in the UK, including their rights and responsibilities. They've been particularly inspired by the story of PC Dave and Finn, learning how activism can bring about legal change. Now, they're set to tackle the question of equality in the UK, exploring the Equality Act 2010, discrimination, and the journey towards a fairer society. This will include the powerful case of Stephen Lawrence, challenging them to reflect on equality and their role in fostering change. Through these units, students are encouraged to become informed, active citizens committed to respect and fairness.

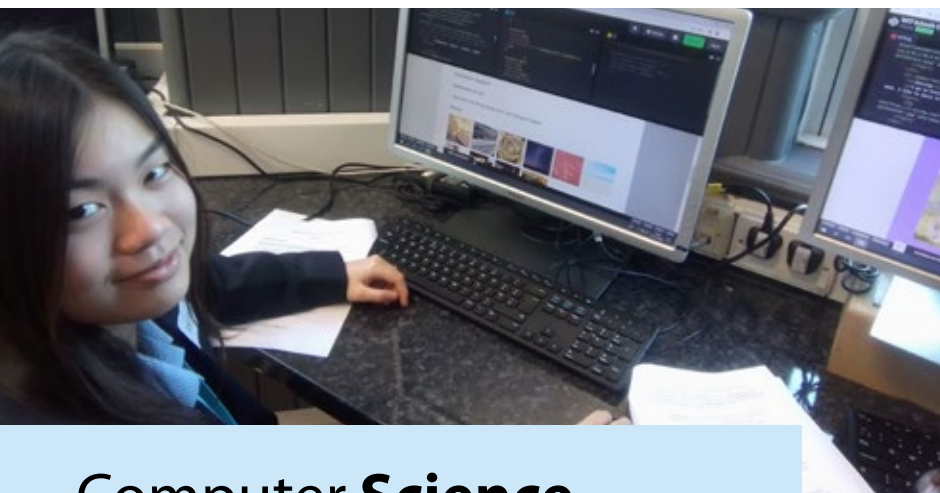
Recently, our Year 9 students have been exploring the powerful world of "Rights and Protests," learning about the history and significance of human rights, from the Suffragettes to the Dagenham Girls Strike. They've debated the right to protest and whether breaking the law can ever be justified in a democracy. This unit has sparked important conversations about the role of protests in achieving change and the complexities of rights in our society. Moving

on, they will delve into "Law and Crime," focusing on understanding their rights and responsibilities and how the justice system works. This shift aims to prepare them as informed citizens, aware of how to navigate legal and societal challenges. It's an engaging way for students to see the impact of their actions and the importance of active citizenship.

Our Year 10 students have been actively engaged in the 'Government and Politics' unit this term. This module has provided them with a comprehensive understanding of the structure of the UK's political system. Their dedication and hard work were reflected in the recent in-class assessment results, with many students achieving high scores. Looking ahead, we have now transitioned to the 'Local Power & Finance' unit, which links their political learning to economics. In this unit, students will explore the workings of the local and national economy and gain insights into the responsibilities of different governments in providing public sector services. This economic context will further enrich their understanding of how UK democracy functions.

Finally, our Year 11 students have been working diligently this term, focusing on the final unit - 'Theme D; UK and the Wider World.' This unit presents a valuable opportunity for them to revisit and consolidate their knowledge from previous topics, preparing them for their Easter assessments and the upcoming GCSE exams. In addition, our students had the privilege of participating in a special 'Lords Question Time' event, where they gained valuable insights into the role of the House of Lords. This experience enriched their understanding of politics and provided a wonderful revision opportunity, reinforcing their knowledge and enhancing their exam preparation.

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Computer Science

Our Year 7 Computer Science students are about to be introduced to the Scratch programming environment and begun by reverse-engineering some existing games. They will then progress to planning and developing their own games, learning to incorporate variables, procedures (using the Broadcast function), lists and operators. They will then be able to create a fully working game with lives, scoring and some randomisation of objects. Finally, they will learn to test and debug their programs.

Year 8 students have looked in to how computers translate data in to a format they can process. They converted positive decimal whole numbers (0-255) into 8-bit binary numbers and vice versa, and learnt how text characters are represented using the ASCII code. This was followed by some simple binary addition and binary shifts. Students also defined the different storage sizes bit, byte, kilobyte, megabyte, gigabyte, and terabyte. They then moved on to looking at Boolean logic. Students were constructing and interpreting the results of a truth tables for the following logic gates: NOT, AND, OR.

Year 9 have started the Computer systems unit. Students have been looking at Boolean logic, moving on to software classification including the function of the Operating System. Lessons continue to cover systems architecture and factors affecting performance. The many forms of memory available in modern computers including RAM, ROM and cache are also covered

along with secondary storage devices and their uses. In their final lesson students will sit an assessment test comprising questions similar to those found on the GCSE exam paper.

Year 10 have been covering the digital Impact of ICT Unit. Students have been looking at different computer technologies, such as, mobile technologies, wireless networking, wearable technologies, computer-based implants and autonomous vehicles. Students have been discussing the impacts of digital technology on the environment including: the impact of manufacture and disposal, the impact of upgrading or replacing and the impact of e-waste. Students are also aware of the environmental impacts of technology and are able to describe legislation relevant to Computer Science including The Data Protection Act 2018, Computer Misuse Act 1990 and Copyright Designs and Patents Act 1988.

Year 11 students have been revisiting how to code using the Python language. Students understand and use data types: integer, float and string. They are able to declare and use constants and variables. Students are able to construct programmes based on a given scenario by using input, output and assignment statements. Students are able to create While Loops and For Loops to allow for iteration. Where there are choices to be made, students can use selection and nested selection statements. Students are currently using one-dimensional arrays and two-

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dimensional arrays in their design of solutions to simple problems. Students are also going through exam style questions and techniques in preparations for their GCSE

Year 12 students were looking over software development and types of programming languages. Students looked at how algorithms can be designed as well as programming paradigms, assembly language and an introduction to the main concepts of object-oriented programming. Students are currently looking at creating databases and writing SQL statements to carry out queries. Students also had the opportunity to visit The Bett Show where they had the opportunity to look at the latest technology in education. Students also had the opportunity to sit in a seminar on Artificial Intelligence.



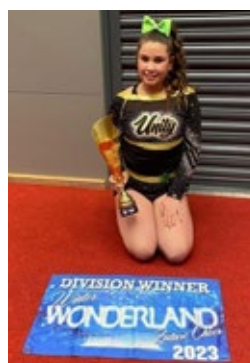
Year 13 students were looking at the theoretical unit of Algorithms. Searching and sorting algorithms (bubble sort, insertion sort, merge sort, and quick sort) were explained in an interactive and practical way, with reference to Big-O notation in terms of time and space complexity. Standard algorithms for depth-first and breadth-first graph traversals. Optimisation algorithms, such as Dijkstra's shortest path algorithm and the A* algorithm have been covered along with a discussion of intractable problems.

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PE and Dance

Our netball teams played four competitive matches against Oaks Park this term. Well done to all who took part. It was some of our best netball yet.



Well done to Bethany in Year 7!

Won 1st place at future cheer - Winter Wonderland before Christmas and won 1st place in Coventry at the British Cheerleading Association - Super Classic.

Good luck to Bethany at the ICC (International Cheerleading Coalition/ World Cheerleading Coalition) Southern Championships.

DANCE THE NIGHT AWAY
CHSG Dance Show 2024
Thursday 29th February
6.30PM-8.30PM

Tickets are available for sale on www.parentpay.com



Our dance students are working hard to prepare for the dance show in a few weeks time!

If you would like to buy tickets for the show, they are available on www.parentpay.com



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Drama

Year 7 have been learning and exploring with lighting and costume and applying it to theatre. They have been looking at the different ways to light a performance and deciding on costumes for theatre, looking at all the elements that influence their choices for lighting and costume.

In Year 8 students have been rehearsing a Shakespearean script from A Midsummer Night’s Dream. They have been applying their own blocking and proxemics to stage their scene, whilst also applying knowledge of physical and vocal skills to their performance.

This term in Year 9 we are working across two different scripts, looking at one practically and one written. The practical work is allowing students to study Stanislavskian naturalistic techniques whilst the written work gets students to focus on how to apply vocal, physical and other skills to a piece of theatre.

Year 10 have been rehearsing for their devised performance taking place on the Thursday before half term. All students have used different stimuli to create their own piece of live theatre, developing their work, ensuring they’re ready for their first part of their GCSE.

Year 11 have been preparing for their scripted performance exam. Additionally, they have been developing live theatre evaluation skills in an exploration of the excellent performance of A Christmas Carol that students saw in November at the Old Vic theatre.

Extra-Curricular:



Students from across the whole school have been working incredibly hard rehearsing Mary Poppins. Do not miss out on all their excellent work with tickets now available from ParentPay for either the 12th, 13th or 14th of March.

Years 9 and 10 recently went to see the National Theatre production of The Witches, which was a huge success. Keep an eye out of more trips across all year groups.

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Design and Technology

Food Tech

Delicious carrot cakes have been made during KS3 food lessons over the last few weeks, with some students bringing in beautifully made decorations to add that extra oomph to their bakes. Star baker material!



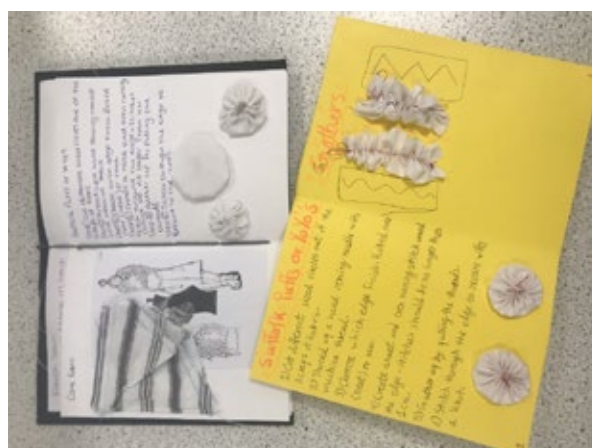
KS3 food students are now learning about high-risk foods. They have deboned chicken thighs to make their own chicken nuggets. They have been surprised at how quickly they can do this with a cheaper cut of meat. For those cooking without meat, they have made some delicious cauliflower goujons.

Year 9 Hospitality and Catering students have cooked their final dish from the 'Fakeaway' project. Students were able to choose a 'Fakeaway' dish of their choice. A range of dishes were produced from Spaghetti Bolognese with garlic bread rolls to French patisserie style tartlets with creme anglaises. This is impressive at this stage of Year 9.

We were very proud of our Year 11s on Wednesday when they produced their final GCSE pieces. Our staff enjoyed taste testing them and talking to the girls about their creations.

Fashion and Textiles

One day last week I walked into the Year 9 Fashion and Textiles lesson to hear Miss Nelson talking about Suffolk Puffs, I immediately thought of a pastry related dish, but I could not have been more wrong. The class were engaged in making sample Suffolk Puffs which they could use to decorate their white shirts. All students are making a white shirt which they will embellish with white decoration to add texture and interest. Whilst the techniques each student can use are the same, each finished piece will be unique. We look forward to sharing the final pieces with you, later this year.

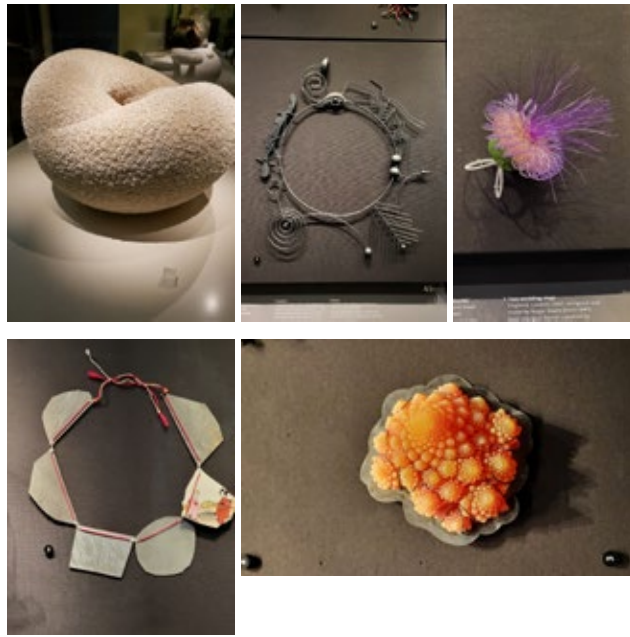


Last term Year 9 Fashion and Textiles focused

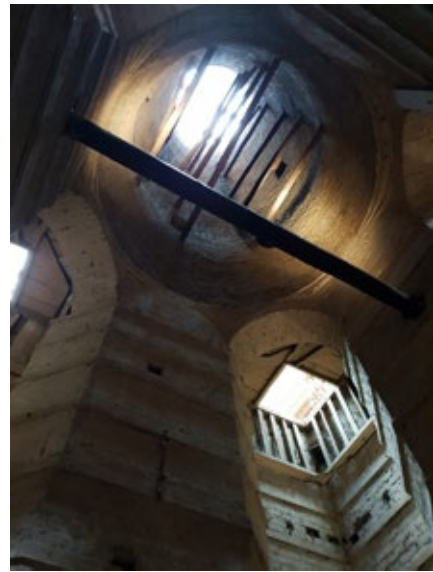
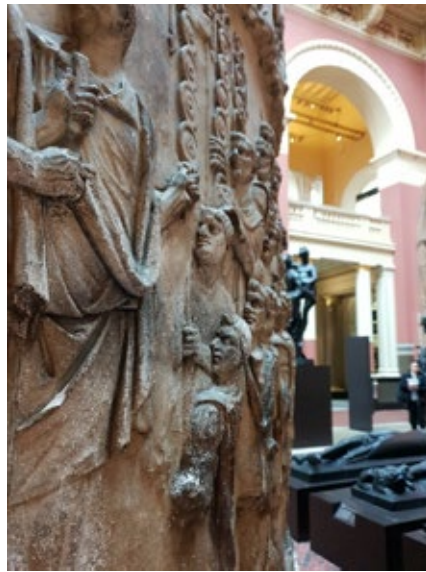
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on children's wear design, learning skills such as applying patch pockets, tabs, facings, buttons and buttonholes to make dungarees. Last week our A level group completed a self-



guided tour of the V&A, with a focus on architecture. Students observed a range of different materials and techniques that could inspire their future designs. Rooms of particular interest were the cast rooms, glass rooms, jewelry room and the architecture displays.



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English

*“Is the spring coming?” he said. ‘What is it like?’
‘It is the sun shining on the rain and the rain
falling on the sunshine...’*

- from **The Secret Garden**
by Frances Hodgson Burnett

So many exciting developments in the English Department will take place in Spring term. The Carnegie Reading Club will begin later this term and the blockbuster CHSG Globe trip for Year 11 to see Shakespeare’s Romeo and Juliet will take place in March.



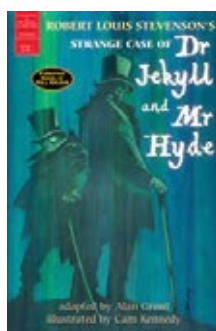
Spring Term in the English Curriculum centres on the great yet youngest of literary genres - the novel. As it has evolved through the centuries, it has become an imaginary space offering unlimited freedom to authors.

Year 7’s novel study focuses on the theme of Identity. They embark on their study of knowledge about characterisation, plot and setting by reading one of a selection of texts

that explore questions about who we are and how writers build a sense of self in literature.

In Year 8 students will build on their knowledge about novelistic concepts through studying one of a collection of novels on the theme of survival. Students investigate characterisation methods such as the hero and anti-hero and plot methods like cliffhangers and manipulation of suspense.

The literary theme of inequality, an enduring idea in literature, will be Year 9’s focus this term. One text from a range of novels will be studied, expanding knowledge of novelists’ methods such as foreshadowing and omniscient narration.

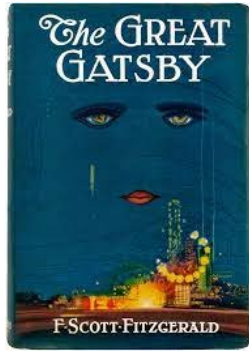


Robert Louis Stevenson’s Gothic mystery Strange Case of Dr Jekyll and Mr Hyde continues the GCSE English Literature journey for Year 10. After an immersive reading, they will deepen their knowledge about novels by looking at the epistolary mode, plot devices such as red herrings and the fascinating theme of human duality. The GCSE English Language course moves into a study of Non-Fiction. Students learn how to analyse a range of texts from articles to letters as well as practise writing arguments in speeches and articles of their own.

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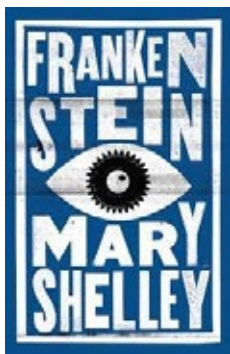


Year 11 is preparing for their first set of mocks in GCSE English Literature which will be in February. To that end, lessons are focused on the Shakespearean tragedies of Macbeth or Romeo and Juliet. Students will also enhance their knowledge about writing successful literature essays.



Having studied the novel for GCSE, Year 12 students will continue their A-level course with the study of two novels: Margaret Atwood's The Handmaid's Tale and the modern American classic F Scott Fitzgerald's The Great Gatsby. Building

on the complex schemes of knowledge developed throughout KS3 and KS4, students explore the genre of dystopia and complex narrative methods such as unreliable narrators. Explorations of the preoccupations of Modernism and Post-Modernism as historical and literary phenomena add richness to their scholarly pursuits.



Year 13 are finalising their coursework (the NEA, non-examined assessment) worth 25% of their overall grade, comparing the Gothic classic novel Frankenstein with a text of their choice. This has been an intensive, challenging and rewarding endeavour but one through

which our students emerge as credible literary scholars. After their second set of mocks, students begin their final revision programme during which they will refine their exam technique.

National Storytelling week

As part of National Storytelling Week, our English Department held a story writing challenge with the theme 'What's in the box?' Students who took part picked a random genre and a mystery item from the box to prompt their story. Well done to the following winners:

- 1st Prize – Daisy M, 9G2
- 2nd Prize – Jeevika J, 8B1
- 3rd Prize – Avnee V, 8Y1



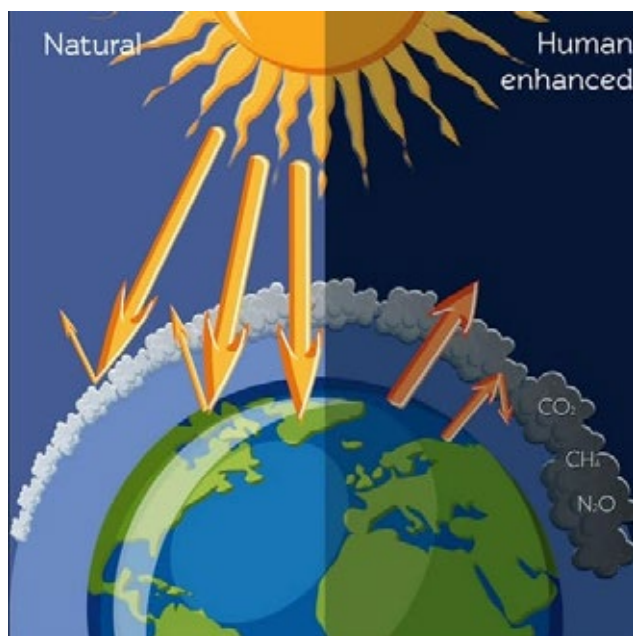
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Geography

Key Stage 3:

Year 7 have been learning about weather and climate this term. They have written an evaluative paragraph using our PEA structure where they had to decide how much humans are to blame for climate change and produced some amazing work. Ask them about the difference between the Greenhouse Effect and Enhanced Greenhouse effect; you may be surprised to hear that the Greenhouse Effect is a good thing!



Year 8 have been looking at the world's population. They have been using numeracy skills to calculate how much the population increased during a lesson and reading and comparing graphs and population pyramids.

With over 8 billion people in the world, they calculated a natural increase of approximately 3300 people in 25 minutes, which is 132 people extra in the world every minute! They too have written a PEA paragraph on why low-income countries tend to have larger families than high-income countries.

Current World Population

8,086,939,042

[view all people on 1 page >](#)

TODAY	THIS YEAR
Births today 245,080	Births this year 8,338,686
Deaths today 110,896	Deaths this year 3,773,167
Population Growth today 134,184	Population Growth this year 4,565,519

Population data for 23/1/24 at 16:00

Year 9 started to look at coastal processes and have been learning lots of associated key words for their home learning tasks. They have been using MWB to show what they have learnt and to apply these new words into sentences. They are now beginning to apply these processes to a range of coastal formations.

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Key stage 4:

Year 10 are continuing with their study of hazardous environments. They have learnt about the causes, effects and responses to tropical storms, how our UK weather is becoming more extreme and about climate change. Who would have thought when we first started teaching about UK extreme weather that our students would be able to write about their own lived experiences in their exam!

The Guardian

UK weather: Storm Jocelyn to follow Isha with more strong winds and heavy rain

Storm Jocelyn will quickly follow Storm Isha, meteorologists said, continuing what has been the most active storm season in the UK and...



Year 11 have finished their study of resources and are now applying knowledge from their GCSE course to a range of exam questions. Exam question practice has been a regular feature of lessons, and revision is well under way! The Geography department wishes them all the best of luck for their upcoming exams!

Key Stage 5:

Year 13 are on their final unit of study looking at glacial systems as well as focusing on exam question practice. In particular, perfecting their evaluation skills and drawing on all knowledge learnt through their course. The synopsis of the course is applied in their 20-mark essays, and they'll been getting lots of practice!

Geography SharePoint

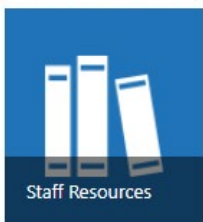
If you've not visited our Geography SharePoint page yet, you are missing out on revision lists and resources, links to our YouTube channel and recommended videos and websites, as well as copies of workbooks and lesson PPTs. If you miss a lesson for any reason, you can find the resources you need to catch up before your next lesson. Let us know what you find most useful and if there is anything else you would like us to add to help you.



CHSG

Geography Department

Staff Resources



Student Resources



News

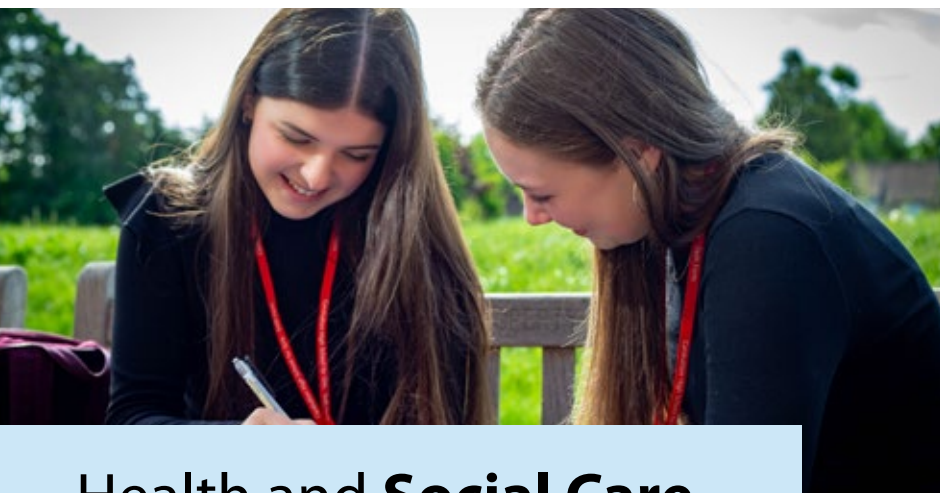
See all

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Geography Spring Assessment 2024

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Health and Social Care



Year 12 have had a very productive term. They have completed their Unit 1: Human Development learning and they are now working on Unit

2: Working in Health and Social Care. The class have covered a wide range of diverse topics, including safeguarding, physiological disorders, theories of intellectual development and they are currently learning about Ofsted and Care Quality Commission inspections and judgements. As you will see in the photographs, we have used a range of learning methods in class, including some excellent model-making to demonstrate Piaget's concept of egocentrism. The class are keenly finding work placements to expand their workplace knowledge.



Year 12 trying to ascertain what each other's medical job roles are.



Year 13 Diploma students have taken their most challenging examination, Unit 4: Research Methods, and await their results. They are now on their last full unit of study, Unit 11: Psychological Perspectives; which has links to their previous units and to many of their other Sixth Form courses. Extended Certificate students are completing Unit 14: Physiological Disorders and their Care and have produced really high quality work. It is great to see so many excellent university offers coming in for allied health profession degrees and to see our Year 13 students engaging with their apprenticeship search.

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History

Over the last half term, History classes have been studying some of the most important areas of the curriculum. Year 7 students have just completed their first enquiry on the medieval period in which they have studied the Norman conquest of England. Some classes even had the opportunity to re-enact the Battle of Hastings before analysing the reasons for William’s victory.

Year 8 classes have completed their study of the English Civil War and are now tackling the impact of the industrial revolution on the lives of people living in Britain, including children in the mills. This unit of study has been newly redeveloped and now includes the opportunity for our students to find out about some of Britain’s pioneering female inventors including Ada Lovelace, Henrietta Vansittart and Sarah Guppy.

Meanwhile, our Year 9 students have completed their study of Stalin’s USSR and are now exploring the development of the Holocaust and the experiences of those who lived through it using eyewitness testimony provided by survivors including Harry Bibring.

This half term, Year 10 students have begun their study of Germany 1918-1939 by exploring the Weimar Republic. This has included investigation of the creation of the Weimar Republic and the dangers it faced in its early years, including the legacy of the Treaty of Versailles and the threat of political violence. They have now embarked on their exploration of the rise of Hitler and the Nazis. In the meantime, our Year 11 students have also embarked on the final component of their GCSE History course, namely the Early Elizabethan era, where they have already explored the problems facing the young Elizabeth I on her

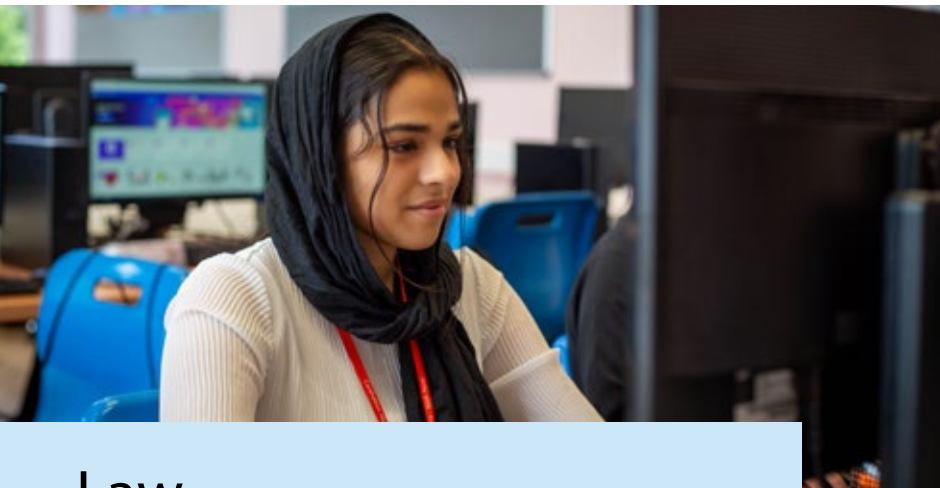
accession to the throne in 1558. Among other things, Year 12 students have investigated the period from 1906-1914 in Russia, sometimes seen as moment of calm before the turbulence of the 1917 revolutions, while Year 13 have been engrossed in analysing how Stalin was victorious in the power struggle after Lenin’s death.

As students begin revising for their end of term exams, we would encourage them to use the resources provided for them on our History Department YouTube channel. The channel is packed full of videos made by our History teaching staff to support students in preparing for their examinations and can be accessed here: [CHSG History - YouTube](#)



The History Department is also delighted to announce that two of our Year 12 historians have been selected to participate in the national Lessons From Auschwitz project organised by the Holocaust Educational Trust. As part of this, our two participants will complete an orientation seminar followed by a visit to Auschwitz-Birkenau in Poland. Upon return, they will share the insight they have gained with the wider school community through completion of their own projects on the impact and significance of the Holocaust. Congratulations to Amber and Connie whose applications to take part in this programme were successful.

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Law

Year 12

Year 12 have finished looking at the English Legal System - how the law works, what happens after we are arrested and how Barristers and Solicitors support the English legal system. This term Year 12 have been looking at Criminal Law, the elements of *Actus Reus* (the guilty act) and *Mens Rea* (the guilty mind) which means that Year 12 have been getting to grips with some Latin terminology!

Students have been looking at Causation (who is blame for a crime) and Omissions (a failure to act!) and how we can prove whether someone is guilty of a crime.

Year 12 Law students have completed a variety of practise exam questions around these topics building on their AO1 and AO2 knowledge. As they start to practise longer scenario questions, they have demonstrated a high level of understanding of this part of A-level law. Well done Year 12!!

Next term we will be looking at Fatal Offences against the person and Tort Law, including Occupier's Liability.

Year 13

In Year 13 Law we have been looking at our last unit - Human Rights. Students have been looking at Article 2: Right to Life and have entered debates on euthanasia and when life begins as part of this. We have looked at Article 5: Right to Liberty, in this part of the course students take a closer look at the domestic law in the UK around arrest and stop and search. Article 8 surrounds the right to privacy and Article 10 is the right to freedom of expression.

Students have done well in their debates in these topics which are often very emotive and controversial they have been able to apply the law using their AO1 knowledge and their AO3 evaluative skills.

In the last term we will look at Article 11 and then finally whether the Law is 'just'.

Year 13 show commitment to their subject, they are always enthusiastic in lessons, and I am so proud of their hard work in lessons and leading up to their exams. Well done Year 13!!

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Maths

Year 7

As we approach the half-way point of the school year, Year 7 are well on their way through the Maths curriculum. So far, they have studied Number, Equations & Algebra; Angles and Shapes and are just about to start on their Fractions unit midway through February. Students will complete all 7 units on their timeline by the end of Year 7. Students will have a low-stakes 'open-book' unit assessment after each unit and a formal exam conditions assessment at the end of each term. We use a combination of these results to track pupil progress over the year and into Year 8 and beyond.

Year 7 Topic Schedule:

Topic	Date covered
Number	Complete Oct 2023
Equations, Identities & formulae	Complete Dec 2023
Angles & Shapes	Due to complete 9th Feb 2024
Fractions	Due to complete 8th Mar 2024
Decimals	Due to complete 29th Mar 2024
Statistics	Due to complete 24th May 2024
Multiplicative Reasoning	Due to complete July 2024

Sparx Leaderboard Year 7

September 2023 – October 2024

Student	Tutor Group	Total XP	Level Achieved
Diya L-C-Y	7R2	96301	9
Kira T	7Y1	32794	3
Hanishga P	7B2	31828	3
Elena G	7Y3	30152	3
Thansyka V	7B2	27177	2



A special mention to Diya from 7R2 who has completed an astounding amount of Independent Learning on Sparx. Most of her impressive XP score has come from points earned by selecting this option on Sparx to further her own learning.

Year 8

As Year 8 approach the halfway point through the year, they are beginning to study some more complex concepts and GCSE content. Delta and Theta students will have their first introduction to Pythagoras' Theorem and Trigonometry, setting them up well for their studies as they continue on their journey towards GCSE. The schedule for Year 8 is shown below:

Topic	Date covered
Multiplicative Reasoning	Complete Oct 2023

- Animal Care
- Art
- Child development
- Citizenship
- Computer Science
- PE & Dance
- Drama
- D&T
- English
- Geography
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Perimeter, Area & Volume	Complete Nov 2023
Solving Equations	Complete 19th Jan 2024
2D shapes & 3D solids	Due to complete 8th Mar 2024
Probability	Due to complete 19th April 2024
Sequences & Graphs	Due to complete 20th May 2024
Fractions, Decimals & Percentages	Due to complete July 2024

Sparx Leaderboard Year 8

September 2023– February 2024

<i>Student</i>	<i>Tutor Group</i>	<i>Total XP (since Year 7)</i>	<i>Level Achieved</i>
Harneet K	8G2	136870	13
Harishnii S	8B3	103865	10
Mahrosh I	8G1	103207	10
Shore S	8G1	77539	7
Kharishma S	8Y1	63666	6

Well done to all of our Year 8 Leaderboard top 5 – keep up the good work and keep on completing Independent Learning to help boost your scores. Especially well done to these students who have completed more independent learning than many of the students in Year 9!

Year 9

Year 9 have begun tier two of the spiral Maths curriculum, revisiting and extending topics learnt in Year 7 and 8. Delta and Theta students will have access to Higher tier topics for GCSE and will be challenged to complete topics that will enable them to access the top grades at GCSE.

<i>Topic</i>	<i>Date covered</i>
Number	Complete Oct 2023
Algebra	Complete Nov 2023
Data	Complete Jan 2024

Fractions, Ratio & Percentages	Due to complete 28th Feb 2024
Angles, Pythagoras & Trigonometry	Due to complete 23rd April 2024
Graphs	Due to complete 24th May 2024
Area & volume	Due to complete July 2024

Sparx Leaderboard Year 9

September 2023– February 2024

<i>Student</i>	<i>Tutor Group</i>	<i>Total XP (since Year 7)</i>	<i>Level Achieved</i>
Riya L-C-Y	9Y2	248254	24
Aya A	9B1	83973	8
Abishanaa T	9B2	78362	7
Tiffany T	9B2	62987	6
Isabella D-L	9G2	62150	6

A special mention to Riya in 9Y2 for her amazing scores on Sparx, she is setting herself up for a lot of success as she works through the GCSE curriculum!

Year 10

Year 10 are working hard through the last full year of their GCSE education and are on track to complete the course by January 2025, leaving lots of time for revision and exam preparation in Year 11. Their programme of study is outlined below:

<i>Topic</i>	<i>Date covered</i>
Area & Volume	Complete Oct 2023
Similarity & Congruence	Complete Nov 2023
Equations	Complete Dec 2023
Probability	Complete Jan 2024
Multiplicative Reasoning	Due to complete end Feb 2024
Further Trigonometry	Due to complete 16th April 2024
Further Statistics	Due to complete 17th May 2024

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Equations & Graphs	Due to complete 12th June 2024
Circle Theorems	Due to complete end of July 2024

Sparx Leaderboard Year 10

September 2023– February 2024

<i>Student</i>	<i>Tutor Group</i>	<i>Total XP (since Year 7)</i>	<i>Level Achieved</i>
Shaista J	10R1	142974	14
Gloria P	10B1	87895	8
Kanishka J-S	10B1	84888	8
Sae K	10R1	78810	7
Larena L	10Y2	70553	7

Year 11

Year 11 are almost all at the end of their curriculum and have begun the process of teacher led revision sessions. They are assigned a GCSE practice paper to complete once a week, and in conjunction with their Morning Maths revision classes, they should all be developing a clear picture of what needs to be revised and tightened up in terms of their own subject knowledge. They are about to embark on their second round of Mocks in a few weeks time, and this will give them the experience of a real, full-length GCSE Maths exam, with 3 papers of 90 minutes each.

The results that come through following this mock will be very informative in projecting forwards to the summer and will also give them and us as their teachers a very clear picture of all aspects of the course that need working on before the final exams. It is important that students practice exam papers and time themselves, as one skill in an exam is completing the work in the time allocated, and that needs to be practised and rehearsed as well as the content and topic knowledge. Students will need full equipment to help them

practise for the exams, including a scientific calculator, protractor, compass, ruler, pencils and pens. We wish them all the best for their revision and preparation for these mock exams.

Year 12

Year 12 are fully immersed in A-level life now and are on their second round of assessments in their assessment booklets. Students have clear deadlines for completion and should be using their assessment period time to do this. In addition to this, they have weekly My Maths online tasks to complete which are directly linked to prior learning and will support them in their studies. Students can also use My Maths to help fill any gaps from GCSE, particularly for those students who got a 6 or 7 at GCSE who could benefit from this. Students will be beginning Calculus shortly, which underpins everything they do in Year 13, so this period of study is critical for their success moving forwards.

Year 13

Year 13 are approaching the final set of Mock exams now and are preparing to take full length mock exams on Pure Maths; Pure & Mechanics and Pure & Statistics over 3 exam papers of 2 hours long each. Our Further Mathematicians will have an additional 3 exam papers to complete mirroring the final examination. As students prepare for these mocks, they have been looking at A-level past papers and should be revisiting these often as they continue to learn new content. We are close to the end now, with one more large unit to complete on Integration, followed by some shorter units. We wish them all the best in their preparation, and echo what was said in the Year 11 section about timing practice papers to ensure that the work can be done in the time allocated.

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Modern Foreign Languages

French

Year 7



In Year 7 we have been learning how to talk about school life. The students have learned how to read the time in French, how to describe their lessons and give opinions about school subjects. We have also been learning how to describe our school uniform and we have learned that in France students do not usually have to wear school uniform.

Moving forward we will learn about school food and how to describe our school and facilities in great detail.

As well as classroom-based lessons with MFL teachers we also use some excellent language learning websites e.g. www.linguascope.com. The students know how to access this at home



and at school and more recently we have been using Language Gym - Home (language-gym.com).

These websites provide fantastic listening practice and are a fun way to reinforce vocabulary. Please do encourage our child to log on at home.

Year 10



In Year 10 French we have been describing our town and local area, looking at advantages and disadvantages of our town.

We've also been recapping the past tense, using the 'Beyoncé rule' to remind us to add an accent to the past participle of ER verbs when forming the past tense.

To support vocabulary retrieval and reinforce their knowledge of the unit, students have been practising key phrases to talk about their town and activities in town through our speed speaking and writing activities.



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Spanish

Year 8

Year 8 Spanish students have been learning about planning to go out. They have learnt different activities and how to form the immediate future tense to say where they are going to go and what they are going to do. This is content that will be revisited in Year 9 and 10.

This unit of work involves a lot of speaking work as it is about socialising and making arrangements for social activities. The students participated in a speed dating activity where they had to ask and answer questions in Spanish to each other for one minute and a half. They then changed partner and started the process again several times. This was an effective way to get them to talk in the target language and to get them to memorise the language.



Year 9

In Spanish, Year 9 students are working on the topic of “Technology in Everyday Life” - practising all four skills (reading, writing, speaking and listening) and acquiring a wide range of new vocabulary about the internet, social media, mobile phones and the like.

In grammar, after going over the present and immediate future tenses, they are familiarising themselves with the perfect and continuous tenses. Using a variety of tenses is essential to achieve complexity and reach the highest grades. They will also focus on pronunciation and dictations; activities we have introduced this year to prepare our students for the new curriculum in Modern Foreign Languages.

Under the rubric of metacognition – reflecting on working out meaning from context – students are given the tools to deal with more challenging and much longer texts. All in all, students are finding the lessons challenging but feel that they are making progress.

4.3 Vamos a leer. We are going to do a reading task today. There are ways of breaking the task down, so that you can understand and answer the questions. Let's start with reading for gist.



German

Year 11

With mocks now approaching after half-term, Year 11 German students have been studying Theme 3 topics about school life – what our school is like, the school day, subjects, school rules and school uniform. It's been a great opportunity to learn about schools in Germany – where selective schools are still common, uniforms are rare and the school day starts early - and contrast them with schools here.

Students have been working hard on getting word endings and adjectives correct when describing their school uniform - “Ich trage einen dunkelblauen Rock.” - “I wear a dark blue skirt.” and on using all four skills of reading, writing, speaking and listening.

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Music

Year 7 are continuing to develop their musical skills in their Music of Asia topic. While studying Chinese music and Indonesian Gamelan they have begun learning to read Treble Clef notation and to play the keyboard. They've continued to grow in confidence in singing, something they will take further in their next topic, Musical Theatre. This will see them expand their knowledge of the keyboard and do a class performance of the songs "Revolting Children" from Matilda and "You'll Be Back" from Hamilton.

Year 8 are currently studying Hip-hop, Rap and Grime and are enjoying using the computers to produce a rap backing track. They have written a drum beat and a repetitive musical hook and are now writing lyrics to go with their music. Lyric topics include the environment, climate change, fashion and favourite pets.

In October 2023, 50 students from Year 7 and 8 enjoyed a trip to see Wicked at the Apollo Victoria. The students involved said they really enjoyed the experience of going to a London theatre and, though they were tired the next day, they are looking forward to more trips in the future!

The Year 9 GCSE class have been further developing their listening, performing and composing skills. Building on their knowledge from last term, they are now learning about different types of musical ensembles and about the development of Western Classical Music

since 1600. Last term they showcased their musical talents when they performed in groups to each other – the standard was incredibly high, and we are really excited to see how they continue to grow as musicians over the next couple of years. Next term they will be starting their first proper GCSE module when they study how music is used for emotional effect in Films.

Year 10 are following a varied curriculum, continuing their in-depth study of their first GCSE set work, Badinerie by J.S. Bach, learning about different musical ensembles and revising musical theory concepts from Year 9. They performed Christmas pieces to each other last term and are now working on their solo performances. After half-term the focus in composition will shift towards GCSE coursework as they begin writing their Free Compositions. They will be able to write music for any instruments and in any style and we look forward to seeing what they produce.

Year 11 have really focussed on their coursework this half-term. At the start of February they recorded their Solo and Ensemble performances (30% of their GCSE) and they are now hard at work on their Brief Compositions. They are each writing a piece of music based on a brief set by the exam board. Styles range from Baroque to Pop to Rock and Musical Theatre. These will be completed by the end of March at which point the focus will shift to the listening exam.

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Year 13 are now busy preparing for their A-level recitals in March in front of a visiting examiner. To get ready for this and help manage the nerves, they have done a number of practice performances. One of these was to the Year 9 Drama class who said they very impressed by the standard of performance. Year 13 continue to develop their Brief Compositions with Mr Bartaby's guidance and are entering the consolidation and revision phase before their listening exam in June.

Co-curricular

Outside of academic lessons, the music department continues to be extremely busy with our Choir, Guitar and Ukulele Club and Instrumental Club rehearsing every week. We are working to build up our repertoire before the Summer Concert on 11th July and have welcomed lots of new members this term. Demand for practice room space is growing as Years 11 and 13 prepare for their exam recitals and the lower years are keen to develop their playing skills. The number of students taking peripatetic musical lessons has almost doubled this academic year and we now have visiting teachers of Piano, Guitar, Flute, Saxophone, Voice, Flute and Drums. If you child would be interested in having music lessons, please contact Miss Gravenor.



The Winter Concert in December was a huge success with over 50 students involved. The audience were treated to performances in a range of styles and by ensembles such

as the choir, small student-led groups and solo students. The standard was incredibly high and a particular mention must go to Zoe in Year 8 for her stand out piano performance of Clair de Lune and to the Year 11 and 13 band for their version of Don't Look Back in Anger. I'd like to say a massive thank you to all the students who participated, staff who helped and friends and

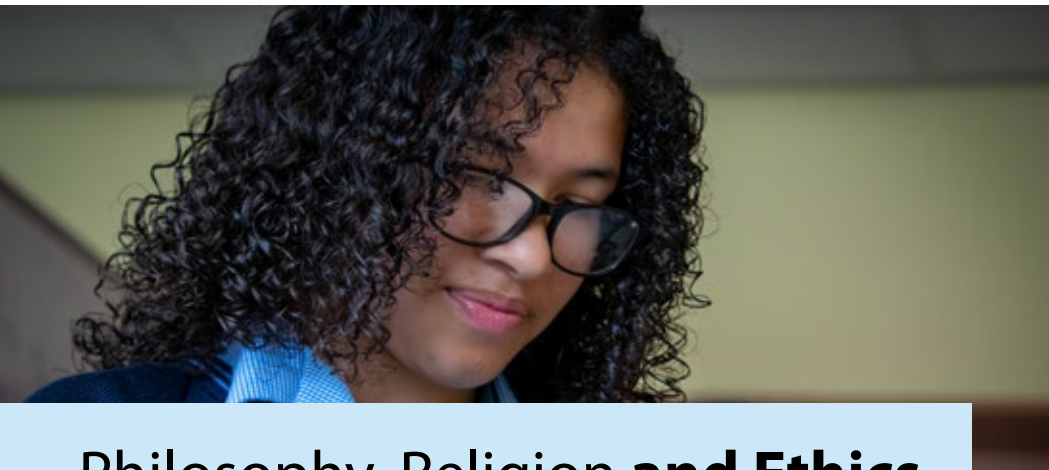
family who attended the event. Thanks must also go to Alex, Lucy, Georgina and Evie in Year 13 for their invaluable work backstage.



Rehearsals for the school musical, Mary Poppins, are sounding excellent as we head into the final few weeks before the performances on 12th-14th March (tickets available now on [ParentPay](#)). It has been lovely to see students growing in confidence in their singing, acting and dancing abilities and to observe the growing friendships between students in different year groups. A large number of students are also involved in the costume, sound, lighting, props, make-up and staging. Please do come along to the musical to see some of the musical talent we have at CHSG; the show promises to be an excellent evening of entertainment.

Other upcoming trips and opportunities for CHSG Music students include a Year 10 GCSE trip in February to hear the London Philharmonia play our set works, a trip to see the Lion King in March for Year 8s who have expressed an interest in GCSE Music, a trip to the Southbank centre for Year 10-13 to hear the Orchestra of the Age of Enlightenment and a joint GCSE Music and Drama trip to see Mamma Mia in June.

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Philosophy, Religion and Ethics

Year 7



In the first half of the spring term, Year 7 have started their third booklet: different beliefs about God. Early lessons involved arguments for and against God’s existence and a study of the symbolism behind images of God. For the next half term, students will examine beliefs from specific religions, starting with the Abrahamic faiths, before attention turns east to Hinduism and Sikhism. Year 7 have been working hard on their keywords, some of which will appear in the spring exams. Good luck!

Year 8

Since Christmas, Year 8 have been studying the Problem of Evil: how can God exist in a world with so much suffering? Students have examined the different causes of suffering and how they can be used by some atheists to try and prove that God isn’t real. Time has



also been dedicated to the responses from the Abrahamic faiths, as well as Hinduism. This topic will feature in the next round of Year 8 exams, so keep revisiting your keywords and make sure you know the arguments and counterarguments for the Problem of Evil!

Year 9

Our Year 9 group have just finished their second unit on Christianity, which was all about Marriage and the Family. They have been looking at different views on a range of issues including marriage and divorce, contraception, and the role of women in the family and in the church. The students are excited to switch things up a little and start exploring Muslim beliefs for the rest of this term. They are also getting to grips with our longest GCSE exam questions (Part D questions) which are worth 12 marks, and they have made a really strong start to this.

Year 10

Year 10 are making excellent progress through their GCSE content. The most recent unit completed was Living the Muslim Life and this shall feature in the spring exam. Currently, students are examining Peace and Conflict through the religion of Islam and asking some difficult moral questions: is it ever right to use violence? Is it irresponsible to be a pacifist when threatened by others? Is there a right or a wrong way for a war to be fought?

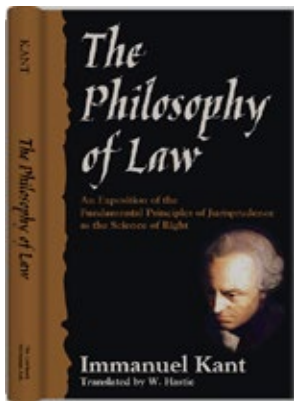
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Year 11

It's the final push for Year 11 as they work towards their last round of mock exams in the week after half term. Currently, students are revisiting content from the Living the Christian Life, but the mock exam will also examine their knowledge of the Marriage and the Family and Crime and Punishment units. This will be the last major round of exams before the real thing in May – not long to go now Year 11! Keep up the good work!

Year 12



In moral philosophy, the Year 12 students are currently getting to grips with Immanuel Kant and his ethical theory based on duty. This is in sharp contrast to the prior unit on utilitarianism, which focussed on the pleasure produced

by a proposed course of action. The students have had to consider issues such as whether the consequence of doing our duty is more important when deliberating on morals. In epistemology we have been puzzling over where knowledge comes from – are the things we see every day around us real objects or simply 'ideas'?

Next up we will be asking whether all of our knowledge comes from the senses or whether we are born already knowing some things.

Exams follow shortly after half term and the Year 12 students will soon be adding 12-mark questions to their repertoire.

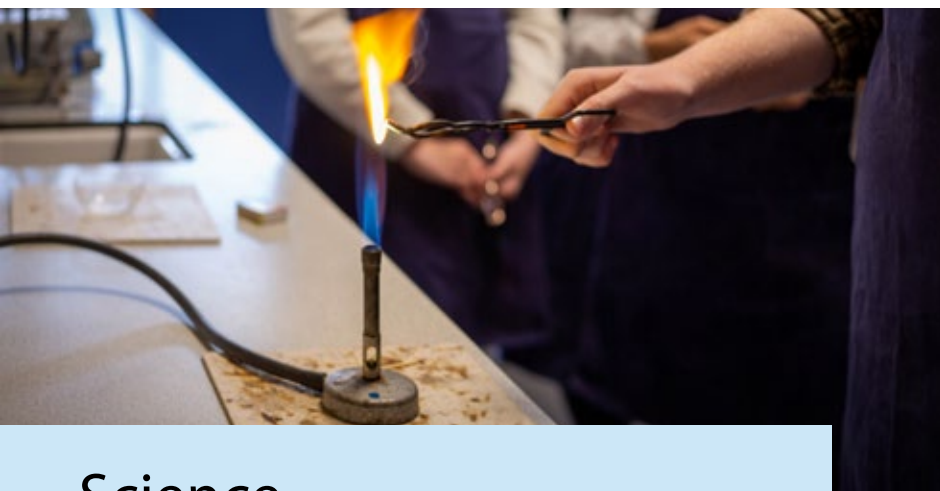
Year 13

With the Meta-ethics' unit (finally) coming to an end before Christmas, Year 13 are currently grappling with Metaphysics of Mind. Are humans just one physical substance or is our mind (consciousness, emotions, feelings etc) separate from our physical body?



The students have been examining dualist philosophers such as Descartes and Chalmers and will be moving onto physicalist philosophers after half term, whilst revisiting exam technique as well. In Metaphysics of God, students have just started examining cosmological arguments – why does our universe exist and does its existence prove that there is a God? This is the final push now Year 13 – keep going!

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Science

Biology

Year 7

Our Year 7 biologists are now approaching the end of Body Systems, where they will have completed their learning about our amazing human bodies. This included dissecting chicken wings to see the similarities with the human arm.



After half term, they will be moving on to the fascinating topic of reproduction, where they will learn about how their life began and how different organisms go about this amazing process in so many different ways.

Year 8

Our Year 8 biologists are just approaching the end of learning about the two most important biological processes on Earth: Respiration and Photosynthesis. They have also been honing their practical skills, which they will return

to throughout their course. They are now moving on to Ecosystems and Adaptations, where they will be learning about the variety of environments and organisms which inhabit our Earth and how each species is so perfectly adapted to its environment.

Year 9

Our Year 9 biologists have approached the end of The Digestive System (so to speak!) and will now be moving on to Organising Animals and Plants. In this topic they will learn about the incredible processes that our bodies carry out which keep us alive. They will be carrying out the much-anticipated heart dissection, which is always a popular event on the Biology calendar. They will also be learning about the transport processes in plants.

Year 10

Our Year 10 biologists are approaching the end of the topic Respiration, possibly the most important biological process on Earth. They will now be moving on to the Human Nervous System. Here they will learn about the amazing network of nerves and the electrical impulses which allow us to sense our environment and respond to it.

Year 11

Our Year 11 biologists are continuing their fantastic preparation for their summer exams. They have finished learning about ecosystems

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and how organisms depend so heavily on each other for survival. They will now be looking at our role as humans in looking after the environment that we live in and why it is so important that we maintain high levels of biodiversity. Their focus over the next few weeks will be on their final mock assessment in February, which will act as great preparation for the real event in the summer.

Year 12

Our Year 12 biologists are finishing their topics on Mass Transport in Animals and Immunity. They have completed the much-anticipated heart dissection and learned about the amazing world of disease and how our bodies are constantly keeping us safe without us even thinking about it.



They will now be moving on to Transport in Plants and will also be looking at the slightly more complex but fascinating topic of Genetics and Evolution.

Year 13

Our Year 13 biologists have finally approached the end of their course, having navigated the demanding topic of Gene Expression and Gene Technology. Having worked so efficiently, they will now spend a great deal of time with their teachers honing their examination techniques, maths skills and practical skills.

They are also deep into their revision cycle for the two upcoming biology exams in February. They should be incredibly proud of the efforts they have made, which will no doubt pay off in the summer.

Physics

Welcome to our second Physics department curriculum newsletter of 2023-2024 and I am particularly excited to say following our Year 11 mocks results at the end of last term shows that our students are in a good position to do well in the summer exams. Year 11 students will be sitting their second mock later on February and we are all busy finishing our GCSE theory in time for some solid revision.

Year 7

Since the last time of writing, our students are completing the topic on 'Forces' which explores what forces are, what types of force exist and why our lives rely every day on so many different types of force.

Students completed their first set of exams in December and the results were very pleasing on the whole. We will be moving onto looking at two units of 'Waves' this term and next looking at 'Light and Sound' in particular. These form part of Big Ideas in Physics as the work studied is fundamental to everyday life. Later this term,

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students will be sitting their second end of term exam this academic year.

Year 8

Students enjoyed the first unit in Year 8 covering work related to Energy. The basic and fundamental ideas are further developed in the other topics covered in Year 8. Students are finishing 'Motion and Pressure' now.

This unit covers such topics as speed and velocity, acceleration areas of Physics last covered in Primary school and then we moved onto look at pressure in gases, how pressure can be transmitted through liquids and the effects of pressure on solid objects. We worked out why tractors have wide tyres, camels have large feet and why skiers don't sink into the snow when wearing skis.

Year 9

Following on from 'Energy' at the start of Year 9, students have been looking at work on module P2 which covers 'Energy Transfer by Heating'. We have looked at the three ways in which thermal energy moves and what conditions are needed for this to take place.

Students have been doing some practical work around specific heat capacity of materials and how these impact objects in everyday life. We are moving onto P3 this term where we start to consider how we can deal with the Earth's energy demands in the next 20 years!

Year 10

Students have continued their work on the module P7 this term. We spent some time studying 'Radioactivity', focussing on the advantages and disadvantages of Nuclear Power and looking examples of nuclear meltdown such as Chernobyl.

We are moving onto look at our four units relating to forces, motion, momentum pressure. These topics are generally considered the most

important areas in a GCSE Physics course and we will be studying these units until the end of Year 10.

Year 11

In Year 11 students have been studying modules on wave properties, focusing on electromagnetic waves, their dangers and their uses. We have looked at some cutting edge technology in the use of ultrasound in hospitals and dentists.

We have also completed most of our practical activities, these are known as Required Practicals. Students will be asked about some of the practical work covered as 6-mark questions in the GCSE exams, so it is vital all students understand what was covered and why we did the practical work as we did. Students are now working towards the final push to GCSE with only one or two more units to cover before our revision programme starts.

A-level Physics

The students have been working on the areas of electricity and now waves with Ms Mohammed. Students in Mr Elstone's lessons have been studying materials science and Newton's Laws of Motion. Practical work will become more important throughout Year 12. Again, exams will be sat later this term and students will start to consider their university options after A-levels.

Chemistry

Year 7

Our Year 7 students have continued to show excellent scientific skills throughout this term. During lessons they have been learning about elements and compounds, including how atoms can bond to form molecules. This unit has included some exciting practical work making iron sulfide from iron and sulfur, then comparing the properties of these substances.

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Year 8

Students in Year 8 have been working on building their understanding of the Periodic Table and how this underpins lots of core ideas in Chemistry. They have been making models of the 'Telluric Screw', and making predictions about properties of elements. They have researched the lives and work of Scientists in this field including Dmitri Mendeleev. This unit builds towards a more complex understanding of the link between atomic structure and The Periodic Table in Year 9.

Year 9

Year 9 have been developing their knowledge and understanding of The Periodic Table. This builds on work completed in Year 8 and includes how the Periodic Table is arranged, historical developments in the Periodic Table as new discoveries were made, and the link between electronic structure and position within the Periodic Table.

Year 10

Year 10 have completed a unit of study on Electrolysis, including how this method can separate substances. They have carried out practical work to look at various factors affecting electrolysis of aqueous solutions and formed their own hypotheses about these.



Year 11

Year 11 have continued their excellent attitude and engagement in Science this term. They have been studying Chemical Analysis, including investigating substances using chromatography, flame tests, and precipitation tests. Students have also applied their mathematical skills to carry out calculations of retention factor values for their chromatography investigations.

Year 12

Year 12 have made huge strides in their understanding of quantitative chemistry this term. They have carried out complex practical work including titrations, making standard solutions, and finding the water of crystallisation of hydrated substances. They have also continued to develop their knowledge of bonding and are using this to consider the structure and reactions of alkanes.

Year 13

Year 13 Chemists are approaching the culmination of their studies. They have been working incredibly hard on complex calculations related to physical Chemistry, including entropy calculations, pH calculations, and developing energy cycles to calculate related quantities. They have also continued to develop their knowledge and understanding of organic chemistry and the associated mechanisms by which these molecules react.

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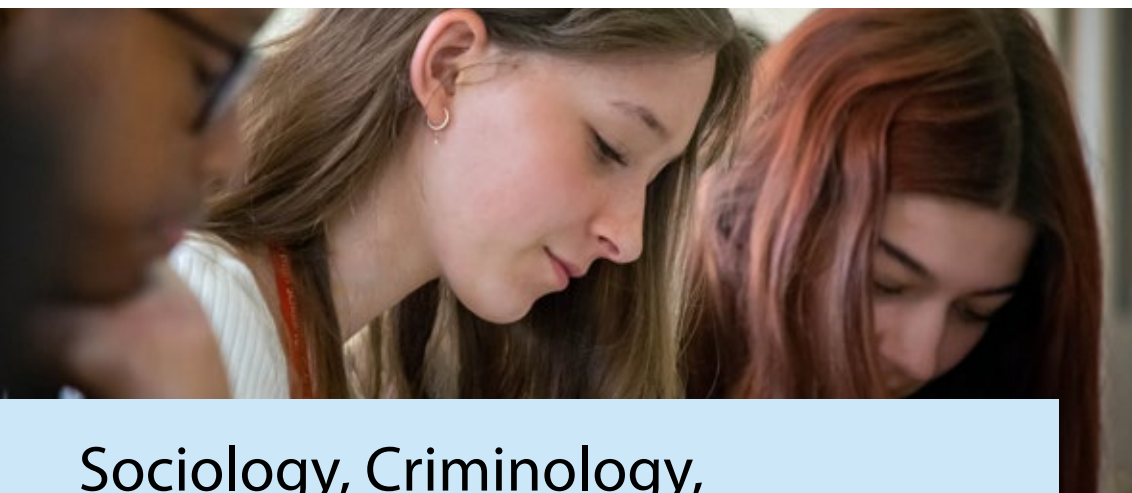
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Philosophy, Religion, Ethics

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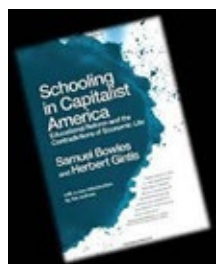
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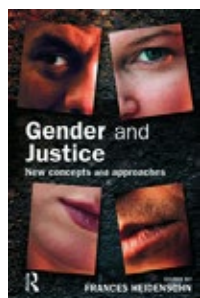
Sociology

Year 9 Sociology students have been studying the topic of research methods, focusing on how sociologists plan, design and conduct research. They will be using this knowledge in their next unit on the family to consider how sociologists have investigated family life. Students have enjoyed analysing the effectiveness of using questionnaires to investigate poverty.



Year 10 Sociology students have been studying the topic of Education, focusing on social factors affecting educational achievement. Students have enjoyed learning about the

marketisation of education and debating private vs state education. The next topic of social stratification focuses on how people are stratified in society, with links to social class, poverty and power.



Year 11 Sociology students have been working on their final unit of Crime and Deviance, with a particular focus on social groups and criminality. Students particularly enjoyed working on a female serial killer task, applying criminological theories to a range of case studies.

Year 12 Sociology students have been focusing on internal and external factors affecting educational achievement in relation to social class, gender and ethnicity. Alongside this, they are studying the social construction of childhood and how childhood changes over time and place.

Year 13 students have been studying the effects of globalisation on crime and the media, making connections between types of crime and media representations of crime. In particular, students have enjoyed looking at contemporary moral panics and the effects they have on society. Students have been considering the rise of new media and how it differs from traditional media forms.



Figure 2: What types of video content do children look out?

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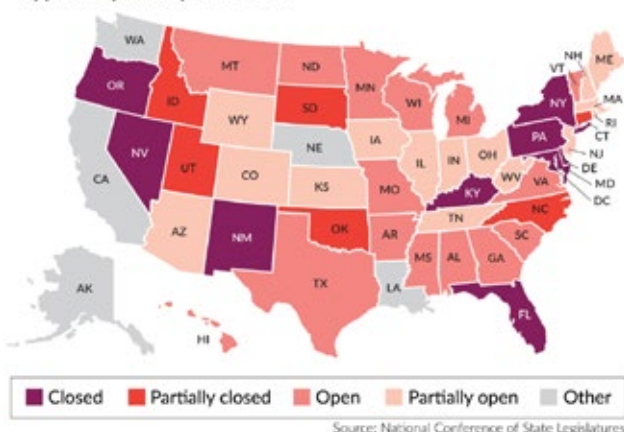


Politics

Year 12 Politics students have been enjoying the topics of Elections and Referendums and Devolution. Students have been analysing a number of key elections, including the 1997 Labour landslide victory. They will be moving on to the study of Parliament and Political parties after half term.

Year 13 Politics students have been studying US Parties and Elections and are enjoying following the 2024 United States primary elections. They will soon be moving on to the study of Liberalism and its impact on UK and US politics and then comparing liberal and socialist ideas after half term.

Types of primary elections



Criminology

Well done to Year 12 and 13 students for completing their controlled assessments this half term! Year 13 students have now started their final unit of Crime and Punishment. This unit focuses on different forms of social control and how effective they are in deterring crime.

Year 12 have started their unit on criminological theories, with a particular focus on biological, psychological and sociological explanations of crime.

Psychology

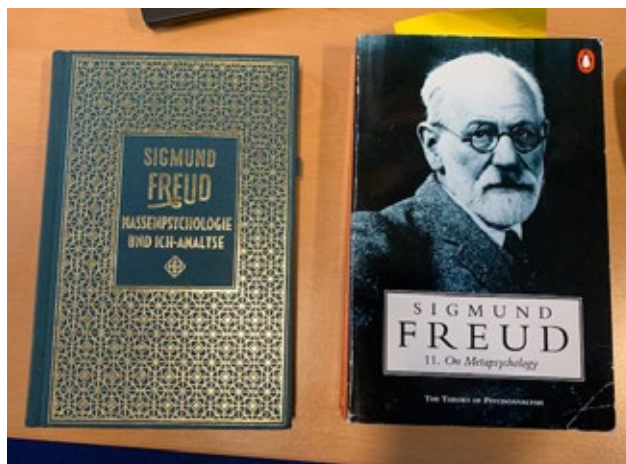
In Year 13 Psychology our students have revisited their essays from last year. One of the goals of this task was to develop their

introductions with insights they have gained this year. I was very impressed by Lily Clarke’s strategy of weaving in a quote from the South African psychologist, Joseph Wolpe.

“Behavioural techniques are methods of adapting the likeliness of a child to exhibit certain behaviours. This can be achieved through operant conditioning, positive/negative reinforcement, punishment etc. As stated by Joseph Wolfe ‘the best way to predict the future is to create it.’ By shaping children’s behaviours, we influence their subjective wellbeing, relationships with others and even the activities they engage in. Hence this debate is of vital importance as it builds the foundations for the future of our society. Were these behavioural techniques to be used ineffectively, it could have irreparable repercussions on the quality of life of children, which could continue through adulthood. It could also have economic implications and lead to a lower functioning society.”

Our Year 12 students have been equally busy. One of their tasks has been to read around the subject by going back to original work. Ridaa B has taken this to another level - reading Freud in the original German. She has already spotted strange translation errors - which brings up the question - if we don’t go back to the original, can we really be sure of what they wrote?

Ridaa’s German copy of Freud on the left vs. my old worn copy of the English translation of Freud on the right. Which version is the most accurate?



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Uniform

Second hand uniform Scheme

Is your uniform a bit of a misfit?

Do you no longer need it or do you need an upgrade?

Why not donate it back to school where it can help to **reduce, re-use and recycle**?

How do I donate second hand uniform?

Please follow the guidelines below:

- All items **MUST** be washed at 60 degrees and bagged up.
- Please itemise everything in your donation bag by type, size and quantity.
- Please attach this list to the outside of the bag.
- Please deliver your uniform donations to reception or send in with your child to pass to their Head of Year.

Uniform that is in lost property and is unnamed and unclaimed by the end of the academic year will be considered second hand uniform.

Purchasing School Uniform

New items can be purchased from our official supplier below:

Schoolwear Inc Ltd

198 - 202 Cheam Common Road
Worcester Park
Surrey
KT4 8QJ

www.schoolwearinc.co.uk

T: 020 3051 7488

Alternatively, why not consider second hand? All items in our Uniformd shop are £5.

Purchase second hand uniform from our Uniformd shop, here:

www.uniformd.co.uk/carshaltonhigh

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