



NEWPORT NEWS

A fortnightly update from NGHS

Volume 7 - Issue 4 - Friday 20 October 2023

Hello Yellow for Young Minds!



Senior staff and Pastoral Leaders shining bright!



This past fortnight has been another busy one at NGHS, with Year 12 enjoying their first residential in Liverpool, early entry UCAS applications sent off, a theatre visit, and the school production and House Music rehearsals in full swing. This morning I popped into our Seacole assembly, which was delivered by the Lower School Head Girl. They were talking about resilience and offering tips to their peers on how they can improve this skill and why it is important. It takes a lot of courage to stand up in front of the school and present and we are always proud of students who volunteer to lead these assemblies as well as those that sing or play instruments as others are arriving in the Hall. Well done to the LSHGT for their assembly today.

Our illustrious Lower School Head Girl Team have also finished our 'Appreciation Station' board this week. Our students work incredibly hard and along with our NGHS points, 'Thank you Friday' and Student of the Half Term rewards, we wanted to increase the opportunities to really praise those that go above and beyond. Staff will now be writing 'Shout Out!' cards to students that have impressed, perhaps with an exemplary essay or piece of homework and these will be displayed on the board for all to see. We also had a request from some students to say thank you to staff and so our board also provides

students with the opportunity to write a 'Shout Out!' card to a member of staff. These can be completed at Reception should they wish to do this. The competition for NGHS points continues with Year 8 holding the lead despite the best efforts of Year 9 to narrow the gap. We look forward to the first of our Celebration Assemblies after half term where individuals can be rewarded for the number of completed NGHS rows they have achieved.

This edition of Newport News continues our Spotlight focus on academic faculties. After last time's Humanities 'spread' it is the turn of Art and DT. We also celebrate some individual student successes, find out more about our beekeeping/gardening club and you can try out another maths challenge linked to Black History Month.

Our first half term draws to a close next Friday at 3.45pm. We have already had a number of requests for absence on the final day for a quick getaway holiday. I am afraid these are almost certainly going to be declined in line with the DFE's focus on improving attendance in all schools. The October half term break encompasses nine days so we hope this is more than sufficient for a family break should this be your plan. Thank you for your cooperation.

Have a lovely weekend,

Mr M J Scott, Headteacher



Beekeeping Club visit to SBKA Apiary in Shrewsbury

On Saturday 7 October, nine members of the beekeeping club were delivered to the Shropshire Bee Keepers Association apiary in Nobold, Shrewsbury by their parents for a 'Get to know some Bees' sessions. Originally it was planned that just the students would be involved but the Chair of the Association invited the parents to take part as well.

Students, parents, four members of the association, Mrs. Fletcher and I all donned Bee Suits and before entering the hive area were given a quick talk about safety and details of procedures that need to be completed before opening the hives, e.g. lighting the smokers. We were also shown the parts of a hive using an empty hive.

Erin, one of the students, explains what happened then.

Going to the Shropshire hives was a great experience for the people who went as it taught us a lot about the actual realities that the beekeepers experience including if a beehive swarms and raising queens. A common misconception of the bees is how it is expected that they sting people, but this was not a problem for anyone on the trip and the beekeeper showing us round the hives did not wear gloves. We also got to help out with the hives like smoking them down to aware them of our presence and calm them down. It was great to see how other people reacted to having the bees on their suits or hands but even the reluctant people came out smiling. The volunteers were kind, and even invited the parents to join.

This was a necessary and fun outing since we will be hosting bees in the future and hope to use this trip as inside knowledge in the future.

The bee keeping club have also been working with STEM club to make bee hotels. The hotels will have cut bamboo, drilled logs and pine cones for bees that seek arboreal hibernating places and clay filled bricks for miner and masonry bees.

We hope to give you more information soon.

Mr J Wade (Chemistry)



Head Girl Team Highlights...



These past two weeks have been a busy few. It has included the year 12s travelling to Liverpool for the weekend, which we hear was a great success, so we hope everyone had a lovely time! Last week all of year 8 took part in the integration day with the year 8s from Adams Grammar. These were an incredibly busy 2 days, but in the end ran fairly smoothly. We understand this is a very busy term for anyone, so if anybody is struggling the Head Girl team are always here for support.

House Music preparations are well underway, so if any students would like to get involved make sure to find the house teams and check when rehearsals are.

We haven't got too much else to report, so we hope everybody has a lovely weekend and are raring to go for our final week of the half term!

Bella and the Head Girl Team

Parent Information Evenings

Thu 9 Nov Y7 in person*

(*Individual 5-minute tutor appointments are made before and after this meeting if required by parents)

Heads of Year will send letters confirming arrangements and Teams links (as required). All sessions include information on safeguarding, assessment, curriculum & pastoral support.)

Hello Yellow for Young Minds



To celebrate Hello Yellow Day, we took part in spreading kindness amongst ourselves as well as our wider community. Everyone had the opportunity to wear a yellow accessory and an all-years rounders game took place during lunch. On Tuesday students were also given a piece of card that was specific to them, to carry around throughout the day which gave them an opportunity to express appreciation towards each other as well as gain some praises. This card of compliments will not only be a great memory but can also be a souvenir for the students of their time at NGHS with their classmates. A very big thank you to Mrs Danby, Miss Heyes and the Lower School Health and Wellbeing Team for helping to arrange this day. It is important that we take care of our mental health to live a balanced life. The overall number of people reporting mental health problems has been going up in recent years, with 1 in 4 people experiencing some kind of mental health problems each year. It is amazing that we, as a school community can come together to celebrate such events such as Hello Yellow Day to raise awareness about the importance of mental health and come together to spread kindness and make each other's days just a little bit better! **Onara** (Deputy Head Girl-Health and Wellbeing)



Book now for Christmas 2023

Experience the magic of Christmas at Lilleshall House & Gardens, embrace the festive spirit with our Christmas parties and create unforgettable family memories with our Lunch with Santa events.

Our historic venue provides the perfect backdrop for your Christmas festivities, whether you're planning an intimate gathering or a grand celebration **book your Christmas party with us before 31st October and the organiser goes FREE.** And for an enchanting family experience, don't miss our delightful Lunch with Santa event, enjoy a delicious Christmas lunch and festive activities and meet the jolly old man himself!

Lilleshall House & Gardens is your destination for a memorable Christmas celebration.

Book now and make this festive season truly special!



15% off

overnight accommodation for party bookings, get in touch for prices and availability

Christmas Parties

Fri 8th, Sat 9th, Fri 15th & Sat 16th December
Three course meal and evening party with disco. £35pp

Lunch with Santa

Sun 3rd, Sun 10th, Sun 17th December
2 course meal, activities and a visit from Santa. £29.50 per adult, £18.50 per child**

Christmas Crafting

Mon 4th & Mon 11th December, 7pm-9pm
Craft your very own Christmas wreath or table centrepiece. Arrive from 6.30pm £25pp

For more information or to book, please contact us on 01952 603003 or enquiries.lilleshall@serco.com
lilleshallhouse.co.uk

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** (3-12 years), additional £5 for present per child.

Lilleshall House
WEDDINGS, EVENTS & GARDENS

Lilleshall House
Near Newport
Shropshire
TF10 9LQ

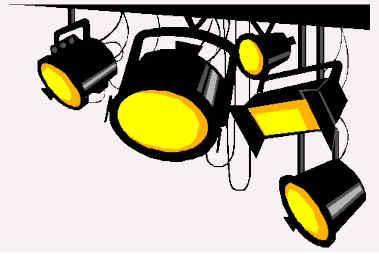
Heart-Start Event

Congratulations to Charlotte M (7S) who recently attended a Heart-Start Event and effectively demonstrated CPD to a number of other attendees. It's a great skill to have! Well done, Charlotte.

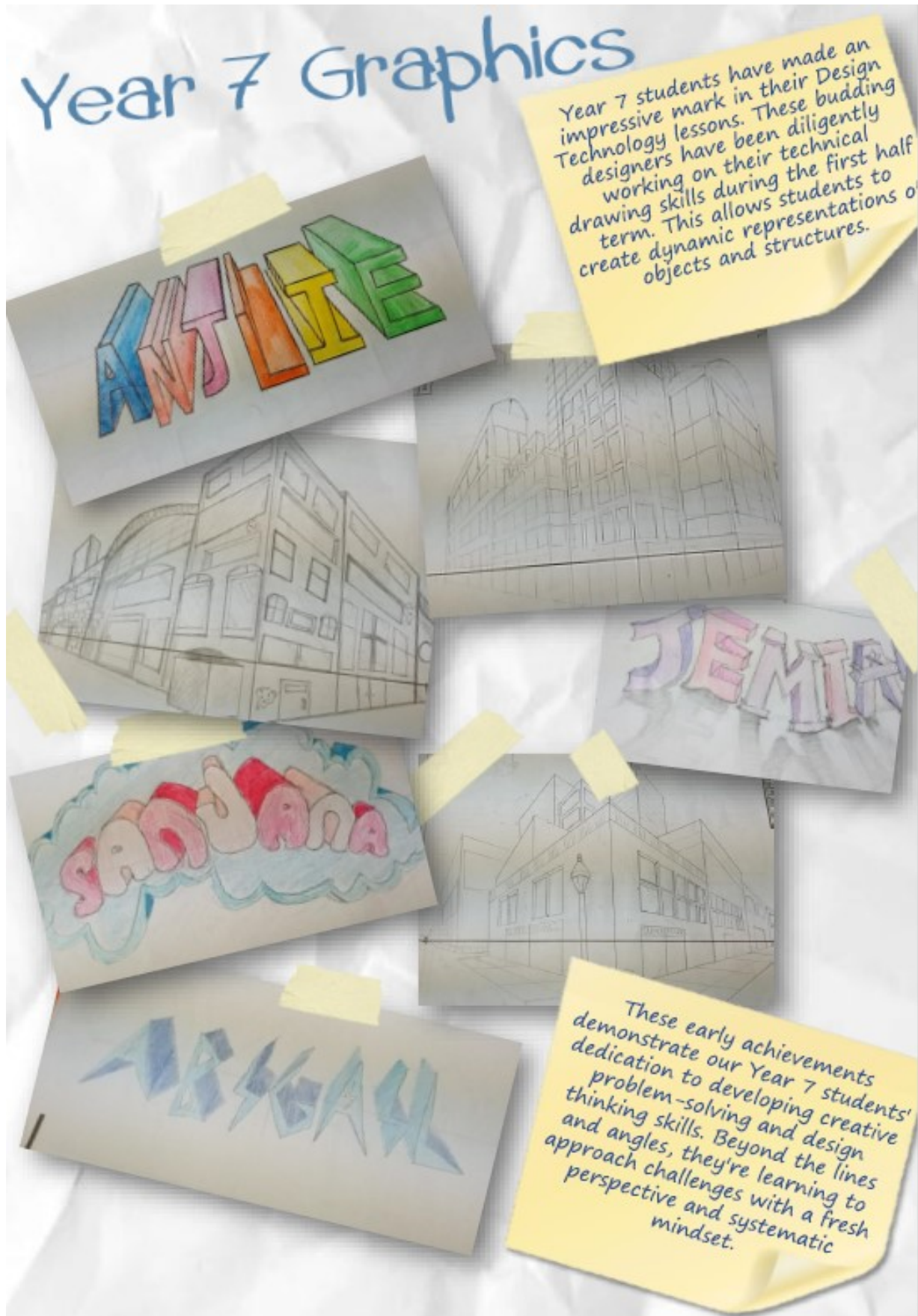


FACULTY SPOTLIGHT

Art & Design Technology

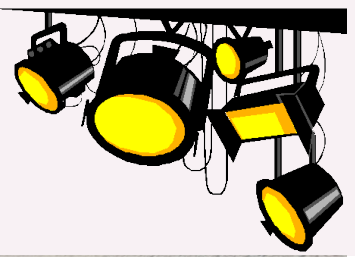


The Art and Design Technology Faculty comprises four staff; Mr Williams (Head of Faculty), Miss Wells, Miss Benoit and Miss Walker. You can find more information about the Faculty and their learning overviews and vision on our website [by clicking here](#).



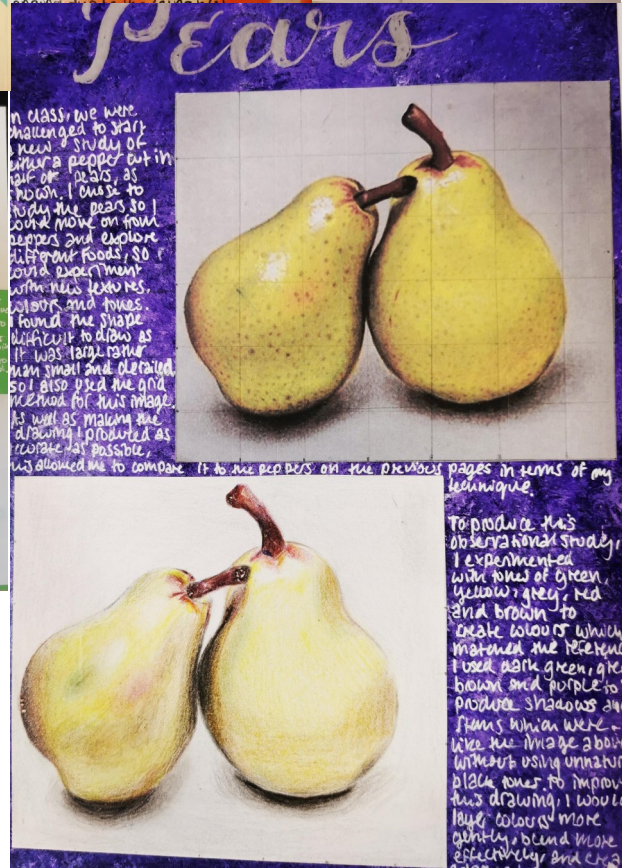
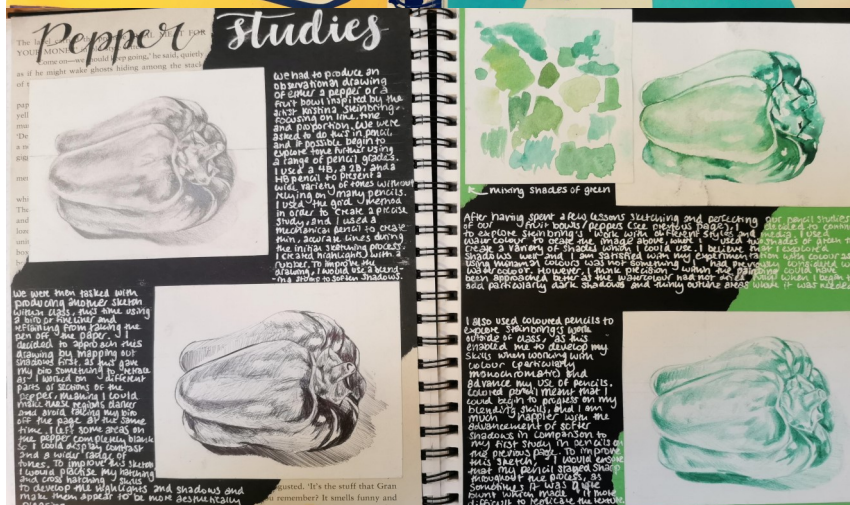
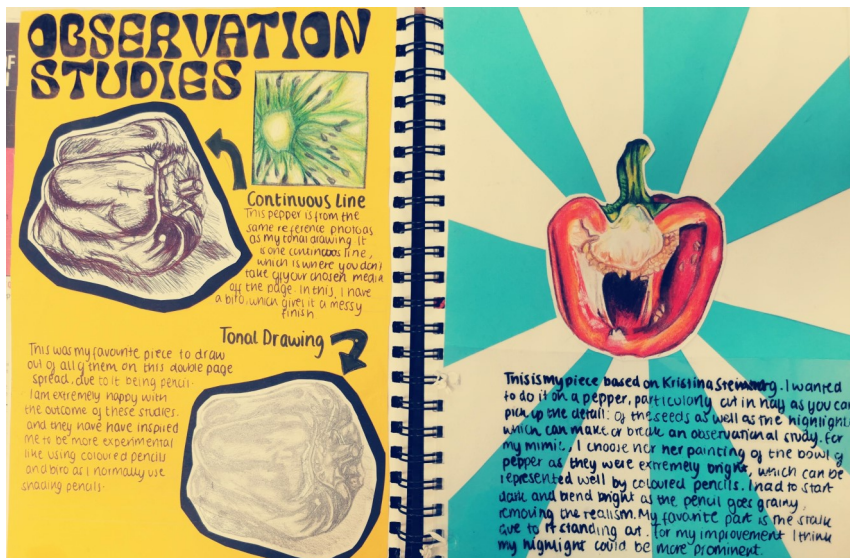
FACULTY SPOTLIGHT

Art & Design Faculty



NEW - Animation Club

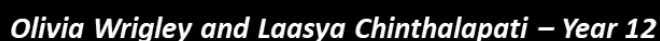
In animation club students are creating characters which they will use for a stop frame animation. Students from years 7 - 9 have been attending since the start of term and have enjoyed sharing this hobby with each other.



GCSE art is a chance to show creativity through a range of media, references, and techniques with the help of supportive and experienced teachers. Students take inspiration from a wide variety of artists so they can explore and develop their own style and create original pieces. The Year 10 class is currently developing skills within food art, and we have explored Kristina Steinbring, Wayne Thiebaud, and Sarah Graham, before creating our own works by screen printing, mono printing and painting with watercolour. Art is a very relaxing and enjoyable subject for lots of students, whilst also being so different from many other subjects on offer, it provides an opportunity to show skills and be independent, as well as write about your own work!

A stylized illustration of five stage spotlights hanging from a rig. The lights are black with bright yellow circular lenses. They are arranged in a cluster, with some pointing towards the viewer and others angled away. The background is white.

LIGHT PAINTING WORKSHOP



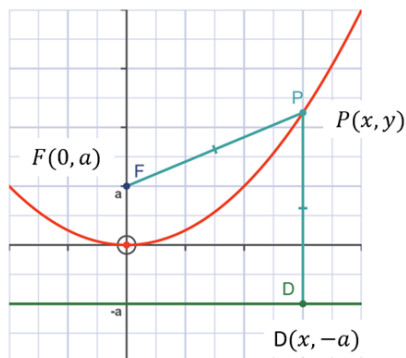
Weekly Maths Challenge



Black History Month

Last week's famous mathematician was Valerie Thomas

For this challenge we are going to look at the mathematics behind the illusion transmitter she invented. In particular, coordinate geometry and loci.



- Use the distance formula (KS3 you can look this up) to write algebraic expressions for the distances FP and DP
- Find the loci of points P, such that FP and DP are equal. Give your answer in fully simplified form.

Best work will be published in NN. Put your work in the entry box in room 301 - Due 9am 2nd Nov 2023

Darcey Flies Solo!



We congratulate Darcey Gallacher in Year 10 who experienced her first solo flight in a glider. She is the youngest ever pilot sent solo in the long history of RAF Shawbury Gliding Club/RAF Cosford. Her next ambition is to undertake a glider aerobatics course. Well done, Darcey!

VALERIE THOMAS

Valerie Thomas is an American scientist and inventor who made strides in the fields of computing and telecommunications.

After being in school and working various menial and light jobs in a museum, she became excited about how she might apply technical skills in her work at NASA.

Her mission, the illusion transmitter, grew out of her experiment with concave mirrors. You could see a 3D image of a 3D image, but not a 3D image of a 3D image. She called it the illusion transmitter.

By Valerie Thomas, 1981

Valerie Thomas

who?

Valerie L. Thomas was an American data scientist and inventor. She made the first solo flight in 1980. Despite the social discrimination of women in the 1980s, she still managed to show what she was capable of. She was born on the 8th February 1943, and discovered many mathematical statistics in her professional career. This is what makes her a wonderful Black history hero!

what?

Valerie graduated from high school in 1961, and then attended Morgan State University where she was one of only two women majoring in physics. This is an example of social resistance against women of that time. Thomas had a passion for both physics and math, so she decided to take on these complex subjects then, and later went on to graduate with a degree in physics from Morgan State.

career?

Soon after her graduation from university, Thomas landed herself a job at NASA as a data analyst in 1964. During her time there, she developed real-time computer data systems to support the satellite operations control centres. This was a significant discovery made by Valerie Thomas, as she helped to make the way for more intelligent science flying around in the future.

The woman who changed the way we look at things: Valerie Thomas

Dr. Valerie L. Thomas is an American scientist who made strides in the fields of computing and telecommunications.

Valerie was born on February 8, 1943 in Baltimore, Maryland. She was interested in STEM from an early age in an era when it was unusual for girls to pursue these fields. When she was just 8 years old, she visited her local library and found a book called 'The Boy's First Book on Electronics'. She hoped that she could work on some experiments from the book with her father, who had similar interests. However, her enthusiasm was not reciprocated and she returned the book without doing any experiments.

Despite this, Valerie graduated from university with a major in Physics and began working for NASA as a data analyst in 1964. She developed real-time computer data systems to support satellite operations control centres.

She oversaw the creation of the Landsat programme, where she developed digital media formats used to provide images of the Earth from space.

Valerie was a pioneer in 3D imaging and invented the illusion transmitter, for which she received a patent in 1980. It uses two concave mirrors to create a 3D image. The illusion transmitter has since been adapted for use in surgery and the production of television and video screens.

Valerie mentored many students in the Mathematics Aerospace Research and Technology Inc. program. She is a huge role model for everyone, but especially potential young engineers and scientists.

Even after retiring, Valerie continues to inspire through speeches highlighting the importance of women in Science and Engineering.

By Diya Das, 7N

Well done to R. Wattal, M. Onuoha and D. Das for their fantastic posters on Valerie Thomas.

NGHS PASTORAL TEAM WHO'S WHO?

At NGHS, the safety of students, staff and visitors is our top priority. Students can speak to **ANY** member of staff about any concerns, but there are certain colleagues with additional training to support you in pastoral and safeguarding matters.

Heads of Year



Mrs H Goodall
Head of Year 7



Mrs A Chapman
Head of Year 8



Miss J Walker
Head of Year 9



Ms J Capaldi
Head of Year 10



Mrs D Martin
Head of Year 11

Sixth Form Team



Mrs K Griffin
Head of
Sixth Form



Miss E Heyes
Well-Being Officer



Mrs V Glew
Administrator
(Sixth Form)

Safeguarding Team



Miss S Webster
Deputy Headteacher
Designated
Safeguarding Lead (DSL)



Mrs K Danby
Well-being Officer, CSE Lead
& Safeguarding
Case Coordinator



Mr M J Scott
Headteacher, Deputy DSL



Mrs F Davenport
Pastoral Support, Deputy DSL



Mrs H Birch
Assistant Head, DSL
(on maternity leave)