



MARLING
SIXTH FORM
Downfield Road



SPOTLIGHT

Terms 3 & 4

2021-2022



Marling Student Leadership Team 2021-22

Head Girl & Head Boy

Lily & Luke



Luke and Lily are planning many exciting things for the future and are looking forward to working with students across the school.

Mentoring & Well-being

Jonny & Paige



Jonny and Paige are working closely with Miss Clarke to mentor and coach younger students both academically and pastorally.

MARLING STUDENT LEADERSHIP TEAM 2021-22

Charities

Lia & Loula



Lia and Loula have already run very successful bake sale and are planning other opportunities for charity events to raise money for good causes.

School Events

Milena & James



James and Milena have been central in helping to plan, run and recruit volunteers for many of the school events we have on here at Marling.

Student Experience

Mary & Emma



Mary and Emma have already celebrated International Women's Day with a school presentation and organised a non-uniform day.

Outreach

Emma-Jo & Jacob



Emma-Jo, Jacob and their teams go out to other schools in the county to tell them all about how to apply for Marling Sixth Form and all it can offer you.

MARLING STUDENT LEADERSHIP TEAM 2021-22

Digital Strategy

Wyatt



Wyatt has already set up a revision app which students can use to plan and organise their revision for both GCSE's and A Levels.

Student Transition

Maddie



Maddie will be central in helping to make students' transition as smooth as possible, whether it is Year 6 to Year 7 or Year 11 to Year 12.

MARLING STUDENT LEADERSHIP TEAM 2021-22

Environment

Henry & Ailsa

Henry and Ailsa have already started a campaign to raise awareness of littering and will be looking at other things we can do to help the environment



School Council

Jamie & Adam

Adam and Jamie will be central in working with lower school form reps to come up with ideas that the school council can put into action.



Social Media & Communications

Alfie & Molly

Alfie and Molly have set up a school Instagram account to keep students updated about the events we run here at Marling. They will be looking at differentiating the channels and audiences on media platforms.



Girls' Netball: A Winning Team

The A team had their return fixture vs SHS at home. It was great to see so many of the sixth form students and staff members coming to support the team in one of their final Netball games of the season, especially as we faced our next door neighbours! The first quarter saw high energy from both teams – every ball contested and some exceptional shots being put up. Going in to quarter 2 with Marling ahead by one goal, 6-5, we made a few changes on court and continued to battle our opponents by playing our style of Netball. Our captain, Lia, displayed some brilliant court knowledge by gaining turnover after turnover with her interception rate at an all time high! Quarter 2 finished at 14-10 to Marling, sending us into the second half of the game with happy, smiling faces and winning on our mind! I always enjoy the half time talk with these girls – it is always the most positive and productive talk, not one player leaves our half time chat disheartened. Starting the 3rd quarter with our team talk fresh in their heads, the girls demonstrated perfect application of what they had been working on in training and displayed excellent teamwork all round.

Continued





Finishing this quarter, we had battled well for the whole 12 minutes with the quarter's final score at 8-8 (22-18 to Marling overall). By now, SHS had raised the intensity to reduce the gap and take some more turnovers to goal – we coped well with this and consequently raised our physicality to override the counter attack. To seal the win 27-24 to Marling, the 4th quarter saw the return of Eliza's wonder shots and Ailsa's pure strength inside of the attacking circle to battle against the well-drilled SHS defenders. By now, fatigue had set in for the team so adapting play to bring the ball down court slower and remain in possession of the ball was crucial, the centre court team took charge of this and did so with absolute finesse.

I couldn't be prouder of how the girls rose to the challenge of this game and worked effectively as a team. A wonderful performance which was then followed up with a confident victory against Rednock last week.

by Lauren

Netball Girls' Away Defeat Stroud High 21-17



CHARITIES



Well done to Chloe in Year 13 for her winning Rocky Road entry. Lydia in Year 12 took a win with her Red Nose Cake. The Bake Sale sold out and raised £222.96 in support of Comic Relief. Money raised by Red Nose Day will support people in the UK and around the world to live free from poverty, violence and discrimination, and support people with their mental health.



A wear yellow day was held to raise funds via ParentPay for Sunflowers Suicide Support, a charity offering support to people bereaved by suspected suicide and raising suicide awareness.



ENGLISH LITERATURE



Year 13 English Literature travelled to The Globe to see the performance of Shakespeare's Measure for Measure.

DRAMA



The Year 12 & 13 Drama students attended a performance at the Birmingham Hippodrome.

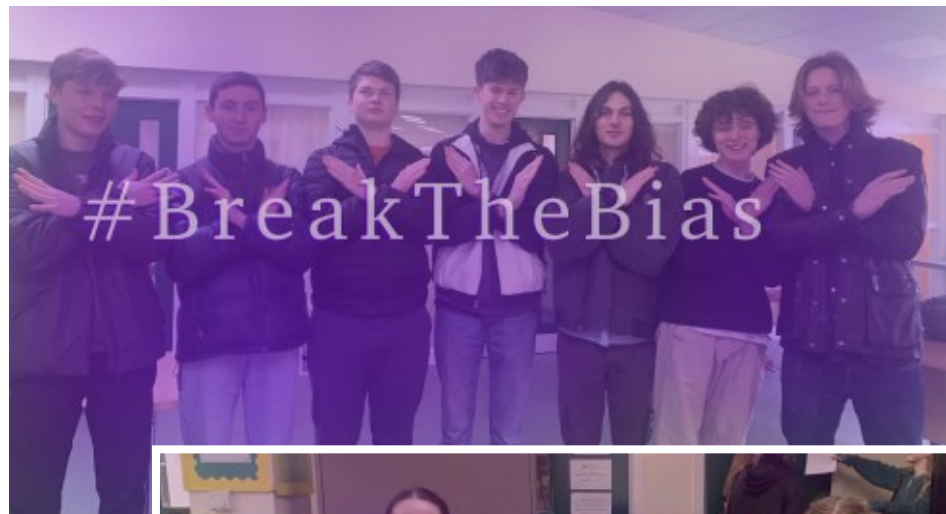


INTERNATIONAL WOMEN'S DAY



In our International Women's Day presentation, we highlighted both positive changes that have been made in the way of improving women's rights and also the problems that are still faced by women both nationally and globally. Our presentation explained what gender bias is and how you can combat it in everyday life. We also spoke about some 'unsung heroes', women such as Ibtihaj Muhammad and Patsy Mink, who helped pave the way for women today but are often not mentioned when celebrating the achievements of women. We presented our assembly to Year 8s and 9s and recorded a virtual assembly which was shown to the rest of the lower school and sixth form. We also organised a non-uniform day on which we asked people to wear purple, the internationally recognised colour to raise awareness of domestic violence and abuse and give a donation for Women's Aid- a national charity working to support women and children affected by abuse. The social media team also helped to promote this year's International Women's Day theme: #BreakTheBias. by Emma





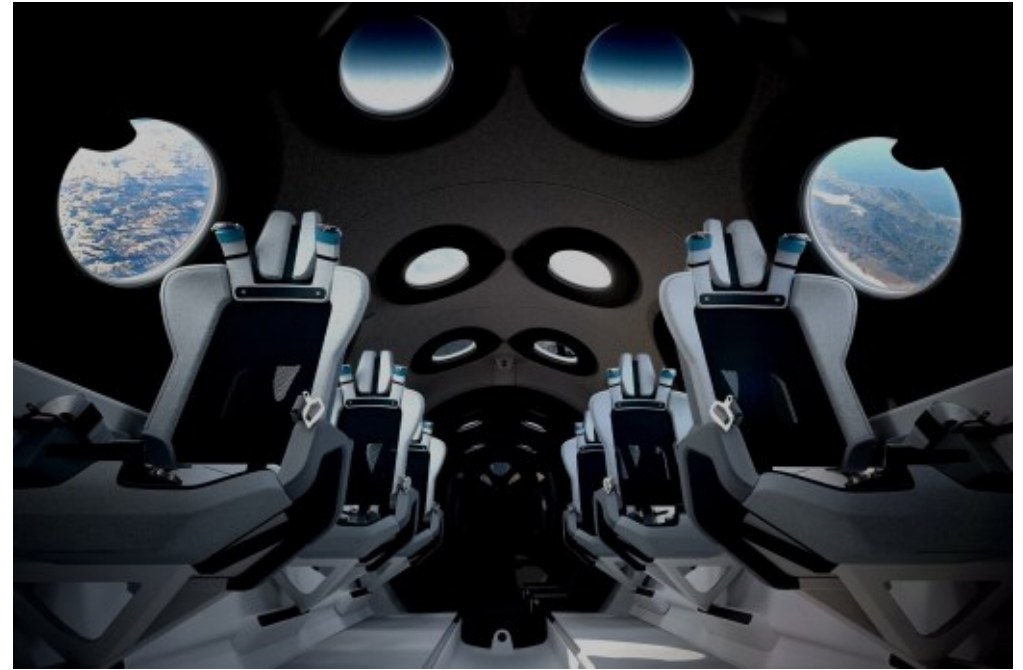
PRODUCT DESIGN

V&A Live Webinar: Designing for Outer Space

An interactive webinar from award-winning strategic design and innovation agency Seymourpowell.

"I found that the webinar was really helpful in showing the design process that the company went through in order to refine and find the best possible design they could for the scenario. They explained each step in depth and it was really well structured, especially when showing the timeline of the design process. I really recommend this to anyone interested in design and how things are developed to make them better for specific tasks, through materials, aesthetics and ergonomics."

by Jack



I personally thought the session was fantastic, with a range of different design disciplines showcased by staff from the Seymourpowell Design Company. They discussed how they approached the cabin design for the Virgin Galactic Space Voyage, focusing on how they consider the “User Experience” rather than just functional design. They discussed the use of virtual modelling, research techniques, prototyping and modelling as well as highlighting the design process used on commercial briefs. The whole session gave a really good insight into a career in design, the challenges you can face and the different areas you could specialise in.

by Mr Green

Final Design for Cabin: <https://www.youtube.com/watch?v=vxUeIbqjRr4>

DESIGN TECHNOLOGY

Junk Kouture - Calling all Fashion Designers!

Some of our Year 12 students have been working hard in their own time to create fantastic fashion pieces from recycled materials. We have 2 entries into Junk Kouture this year and they are the first ever entries into the competition from the school. The aim is to create unique fashion from purely recycled materials.

Archie has created a dress from recycled umbrellas, even going as far as to create shoes from scrap wood, a necklace from scrap acrylic, a tiara from scrap umbrella rods and an umbrella accessory too. Archie is self taught, developing new skills and refining his tailoring and construction techniques.



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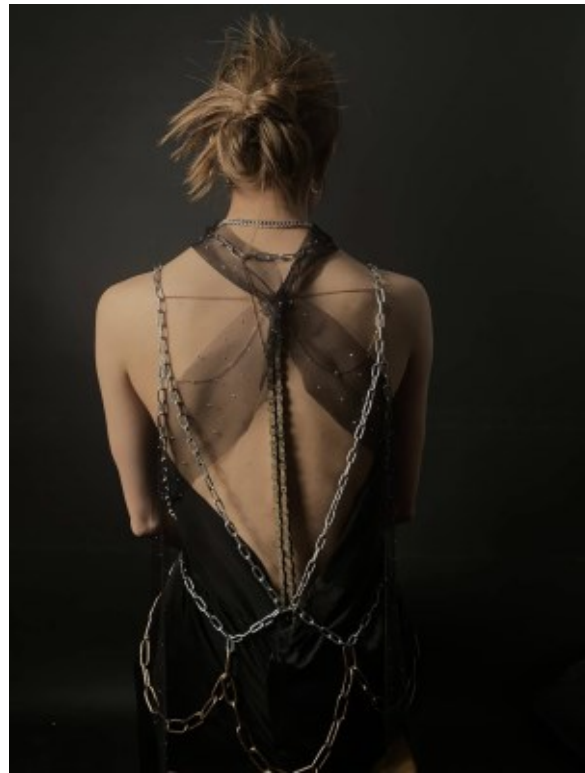
Junk Kouture

Hope and Biba have created a dress from old t-shirts, scrap metal, old bike chains and scrap netting alongside old cogs and computer parts. They have worked hard to portray the effects of an eating disorder through their piece and have used scrap materials found around the DT department creatively to develop a unique piece.

We wait to hear whether their designs have got through to the next round but whatever happens, the DT department would like to congratulate the students on their hard work and dedication alongside their amazing fashion pieces.

We are proud to have such creative and dedicated students!

by Miss Teagle-Brown



Chemists Take Wins in Olympiad



In Science, 18 Year 12 and 7 Year 13 Chemistry students competed in the [Royal Society of Chemistry Olympiad](#). The highest scorers were Felix (Year 13) and Danil (Year 12) who both achieved a gold certificate and performed in the top 9% of the whole country (8700 entries across the country). We had 6 students achieve silver, representing the top 23%, and 14 students achieve bronze, representing the top 32%. They did exceptionally well as a cohort, and the Year 12 achievement was particularly impressive.

Anti-racism Assembly



Year 12 students presented assemblies to all students from Y7-Y11 on how to work together to make Marling School a welcoming and inclusive community.

Marling School Senior Spring Concert

Music Hall

5th April 2022, 7pm

Tickets:

Adults £5.00

Students: £3.00

Well done to all our Marling musicians involved in the Senior Spring Concert on Tuesday 5th April. The concert showcased the work of our KS4 and KS5 students, and included contributions from the Marling Jazz Band, Orchestra, Downfielders Folk Group, Senior Strings, Senior Choir, as well as solo and ensemble items presented by our department musicians. It was a marvellous evening filled with brilliant performances.

The Schools Grow Project with Computer Science and DT has got off to a great start. The project involves automating the feeding and watering of fruit and veg, using Raspberry Pi's and a variety of sensors to measure soil moisture levels and environmental conditions to ensure they have the best chance of growing. Our goal is to have the project powered by 100% renewable energy.

From the Librarian...

Readathon: thank you for reading, raising and being amazing

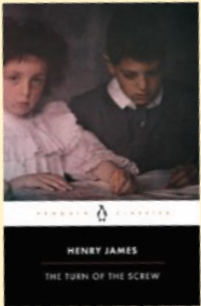


Thank you to all the sixth formers who took part in our annual Readathon for Read For Good, helping to raise money to fund books and storytellers for children in hospital. Overall we read for 126,000 minutes which is like reading War and Peace 55 times – an impressive feat! Our Sixth Form top readers were **Charlotte, Nathan and Kerry**.

A special well done to Charlotte for coming in the top three two years running.

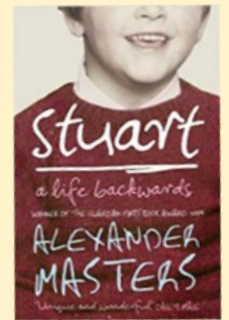


Book Club review round-up



We kicked off this year with Henry James's classic ghost story ***The Turn of the Screw***, which felt like an appropriately atmospheric tale to read over the Christmas holidays when tradition dictates that we should be gathering around the fire and scaring ourselves silly. The ambiguities within the tale leave this story very much open to interpretation, with the potential to radically alter our perspective if we shift to viewing the text through the lens of feminism or social class. Ultimately though, we wished that the famously verbose Henry James had just got on with telling the story.

We were equally blown away by our February read, ***Stuart: A Life Backwards*** by Alexander Masters. This is by turns a humorous, clever and deeply poignant narrative of the chaotic life of Stuart Shorter, which unspools backwards through homelessness and prison to try to find out 'what murdered the boy I was', as Stuart himself put it. We all agreed that this was a cracking read and more funny than it has a right to be, thanks to Masters' frank and self-deprecating narration of his friendship with Stuart.



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Book Club review round-up Continued

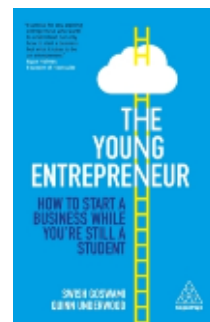
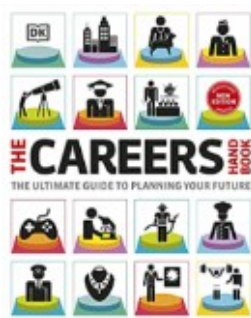
Kindred, the slavery era time-travel novel by Octavia E Butler was a much bigger hit. Best known as a science fiction author, Butler's *Kindred* is hard-hitting but arguably her most accessible novel. Yes, there's time travel in it but it's really more of a historical novel with a dash of space-time continuum bending for good measure. Our heroine Dana is catapulted back in time to the antebellum South to find herself enslaved on a sugar plantation where she must save her slave-owning ancestor. There's something about witnessing this period of history through more contemporary eyes that adds to the brutal immediacy and moral complexity of the world that Dana finds herself in. It was also very refreshing to read the work of a black female science fiction author, as structural inequalities have not afforded many black women the chance to excel in this sector of the publishing industry.



We're taking a different tack with our next book which will be André Anciman's coming-of-age romance, ***Call Me By Your Name***.

Coming soon – Careers books

Look out for a range of new careers books which will be on the shelves soon. From writing impressive CVs and acing your first interview, to getting onto the uni course you want, we hope everyone will find something useful in the new collection. Here is a small selection to whet your appetite.



Continued

More from the Library

Your opinion matters

Thank you to the forty sixth formers who responded to the **library student survey**. We have been busily acting on your comments, including promoting the library website more widely.

Here are some of the books **requested by you** that are now on our shelves waiting to be borrowed.

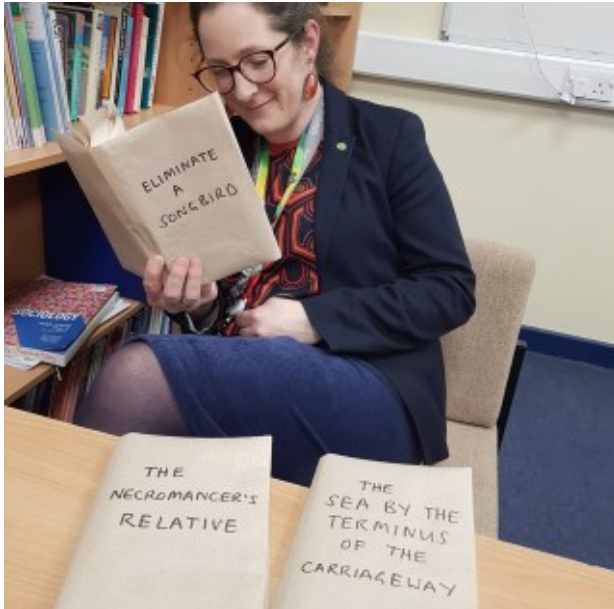


You also recommended a brilliant range of books that we already have in the Library. There's nothing better than a **peer recommendation**, so here's a selection of your fellow sixth formers' **recent favourites** to inspire you.



Celebrating World Book Week

Guess the Book Title Competition



Students were given 3 book titles each day. The words in the titles were replaced with synonyms.

Have a go and see how many you can get.

Answers on next page.



Celebrating World Book Week Continued



Staff were walking book recommendations with the books they were currently reading.

Guess The Book Title - The Big Reveal!

There were alternative correct answers for
The Magician's Nephew.



ENRICHMENT

Greencar

Greenpower Electric Car Challenge

The Year 12 Greenpower Challenge team have been ensuring their vehicle is race ready for the first heat at Goodwood on 8 May. After some issues with the electronics, the team have now wired up the motors and had a very successful test run on the school field. Attention now turns to adding the body work to improve the aerodynamic performance. We wish them luck for the first heat.



They have had a visit from Trevor Cook (Greenpower Ambassador for the South West Region) who was impressed with their progress so far and provided lots of useful advice to support the team. The team are also in regular contact with Matthew Burke from Williams Engineering who is providing advice on data collection and analysis during testing.

ENRICHMENT

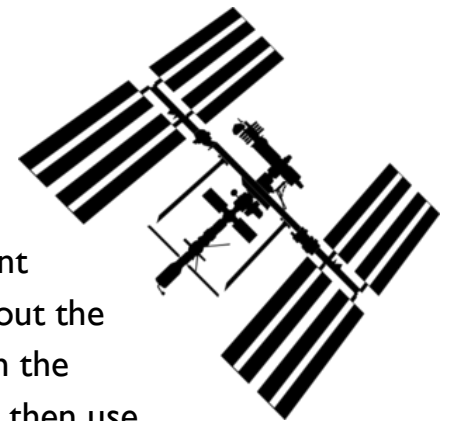
Muon Detector

The Year 12 team have had some fun constructing a large weather balloon and are near completion. The coding for the raspberry pi muon detector is also nearing a working solution. They hope to be testing soon, with calmer weather in the coming months.



ISS Astro-Pi Experiment

You may remember reading in the last edition of Spotlight that two teams of students have entered the Astro Pi Mission Space Lab competition to have an experiment running on the ISS. The Year 13 team have successfully created the code required for their bid to have an experiment running on the ISS. They have created a program that can analyse a photo of a cloud and work out the type of cloud covering the Earth. The program will then predict the weather conditions beneath the cloud and record this information. When the experiment has been completed, the students will then use code to match their predictions against the actual weather at that point in time. A report will be presented to the raspberry pi foundation detailing how close the predictions and actual weather were to each other. The project has successfully been submitted to the European Space Agency and we are now waiting for news on the next phase of the project.



ENRICHMENT SNAPSHOTS

PARTICLE PHYSICS



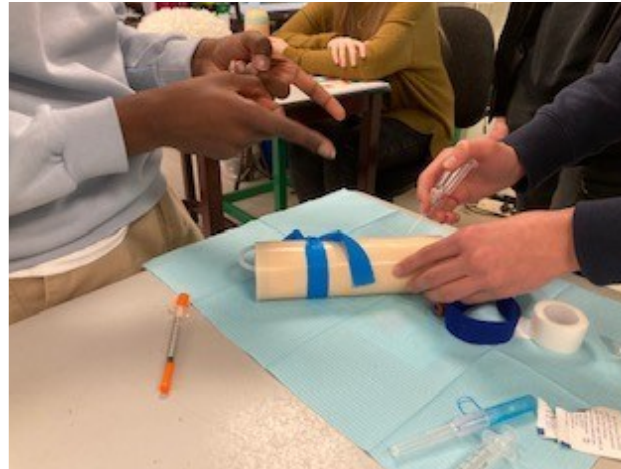
MORE NETBALL

A fantastic 45-23 win for our netball team vs Rednock.



MEDSOC

MedSoc students practising suturing, giving injections and taking blood with our venipuncture and suturing kits!



ENRICHMENT

GIRLS' FOOTBALL

Making Marling History

Congratulations to our Marling Girls XI who took on SHS in our first ever girls football match. The team played with great spirit and skill, passing the ball well and putting together some brilliant moves. The team represented Marling superbly and we are very proud of their achievements.



AWARDS & ACHIEVEMENTS



Congratulations to Cameron & Archie on their performance and successful win in Gloucestershire County Schools U18s Rugby Squad against Berkshire in Bristol. Well done both, a great achievement!

Gloucestershire Schools Individual Table Tennis Competition

The tournament was held at Cheltenham YMCA Sports Hall.

A total of 60 players from schools all over Gloucestershire attended and competition was fierce but friendly. The seeds were mainly triumphant but there were some surprises along the way.

The boys U19 had 4 entries who played a round robin. Elliot from Marling Sixth Form finished second.

Certificates and medals were presented to the winners and runners-up by Sheila Humble (Secretary Gloucestershire Schools TTA) and the winners qualify for the English Schools National Finals which are being held at Aldersley Leisure Village, Wolverhampton in April 2022.

