



MARLING
SCHOOL

e-Newsletter 2021-2022 (Edition 3)

A huge well done and thank you to the out-going student leadership team of Head Boy Scott Hiett, Head Girl Jess Lingard, and Deputy Head Boys Alex Caton-Bradley and Matt Page and Deputy Head Girls Joanna Fajkowska, Lily Doak and Tasmiyah Mota. They have worked incredibly hard and shown real commitment to the school whilst having to adapt to being student leaders under lockdown as well. I am delighted to introduce you to our new student leadership team, they are Head Girl Lily Marsland and Head Boy Luke Davis who were selected after a very rigorous process of presentations and interviews. We have chosen not to appoint deputy's this year but have created new roles within the leadership team as follows: Mentoring and Well-being Jonathan Parker and Paige Parawira; Charities Lia Trainor and Loula Meshhedani Goymer; Student Experience Emma Champion and Mary Adekunle; School Events James Reglar and Milena Ogbeide, Outreach Emma-Jo Kavanagh and Jacob Frusher; Environment Henry Green and Ailsa Roe; Social Media and Communications Alfie Ranstead and Molly Allwood; School Council Adam Ainsworth and Jamie Berry; Digital Strategy Wyatt Sell and Student Transition Maddie Baycroft. We wish them the very best for the year ahead and we are confident that they will have a significant impact on the school.

Year 9 Rocket Club have had some fun launching their completed rockets, only one exploded shortly after lift-off! They are now working as a team to create a larger rocket that will carry pressure and acceleration sensors along with a video camera. The coding for the Raspberry Pi computer is now complete. Students have used 3D printers and laser cutters to make components for the rocket, which is very close to completion. We look forward to launch day!

You may remember reading in the last edition of the e-newsletter that two teams of students have successfully moved to phase 2 of the Astro Pi Mission Space Lab competition. The Year 10 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 and record the magnetic field strength of the Earth from space. It has been more than 200,000 years since the last "flip" of the Earth's magnetic field and change is expected soon. A report will be presented to the Raspberry Pi foundation detailing how clear the measurements are and if there is any evidence of a possible changing magnetic field. The Year 13 team have also finished the code required for their bid and 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.

Year 12 students have been re-building the existing Greenpower single seater electric car and are nearing completion. They have replaced the existing bodywork as well as a complete re-wire. They have used 3D printers to make improvements to some of the existing components. Monitoring systems have been added using a Raspberry Pi to record speed, current and battery voltage. They are exploring using a GPS system to map the performance of the car. The aim is to race in September 2022!

A team of Year 8 students are currently taking part in the Sustainable Transport Challenge, sponsored by IET and IMechE and supported by Graphic Science (STEM). The students must design a vehicle that can sustain a team of people over a 1500-mile journey over land and/or sea. The vehicle must be completely self-sufficient, meeting all the needs of the team during the journey, including food, fresh water, warmth, shelter and propulsion. They will be required to attend a celebration event in April, being held at the University of West of England in Bristol, to present their design and compete against other schools from the South West. Click [here](#) to read more.

This term, Year 9 and Year 10 students have attended Reject Racism workshops delivered by Equaliteach. The sessions help students to understand ethnicity, appropriate language to use when discussing ethnicity, what racism is, and issues

caused by unconscious bias and microaggressions. Year 9 and 10 have also had Relationships and Sex education workshops in school. These cover themes such as sexual health, LGBTQ+ relationships, sexism and sexual harassment, substance misuse, pornography, healthy/unhealthy relationships and consent. The final date for Year 9 is Thursday 24 March.

The key stage 4/5 Spring Concert 2022 will take place on Tuesday 5 April, 7:00pm in the Music Hall and tickets will go on sale next term, keep a look out for further information by email in the first week back.

The [term dates](#) for 2021/22 and 2022/23 can be found on our website.

Enjoy the half term break. We return to school on Monday 28 February, which is a week two.

Glen Balmer - Headteacher (gcb@marling.school)

Instagram - @marling.school Facebook - @marlingschool Twitter - @MarlingSchool

Open Mornings

For all those with friends/neighbours or younger siblings (*currently in Year 5*) looking at Year 7 Entry in September 2023, the Entrance Test takes place on Saturday 17 September 2022. If you would like to join the **Year 5 mailing list**, please complete the Google Form to add your email address [CLICK HERE](#) to view the relevant webpage. The next opportunities for prospective parents and students to visit us will be at our Open Mornings on Tuesday 10 May, Wednesday 11 May and our Open Evening on Tuesday 21 June 2022 – please book your place via our website. We look forward to welcoming you and your son(s).

Gloucestershire County Council Volunteers Needed

Volunteers needed to become a School Admission Appeal Panel Member. Being a Volunteer School Admission Appeal Panel Member can be a rewarding experience for those who wish to contribute to their community and have time to commit during the day. If a parent is refused a place at their preferred school, they can appeal to an independent School Admission Appeal Panel. This Panel will consider the parent's case, the reasons why the admission authority refused their child a place and will then decide whether to allow or refuse the parent's appeal. Please contact Democratic Services at Gloucestershire County Council for more information and to request an application form – democratic.services@gloucestershire.gov.uk.

Train to Teach with Us

Are you interested in becoming a teacher either in the secondary or primary sector? Cotswold Edge Teaching Alliance (led by Marling School) is a provider of Initial Teacher Training. You would be placed at a local primary or secondary partner school and supported throughout the course by outstanding practitioners. Please contact us here at Marling through Nikki Embling (info@ceta.school) or visit <http://www.ceta.school/itt/> for further details.