



ARNEWOOD NEWS

Working Together - Shaping Tomorrow



CONGRATULATIONS TO OUR NEW LEADERSHIP TEAM!

It is our pleasure to announce that we have appointed Alex John as Head Boy and Libby Harrison as Head Girl for the next academic year. Their deputies are Imogen Clarke, Briony Dunn-Mussert & Dominic Renouf.

The Senior Prefects are: Tiffany Channing, Alvin Geevarghese, Ellie Grainger, Amelia Lowe, Sophie McPartland, Beth Mitchell, Raquel Ron, Emily Sabin, Alys Shinn, Daniel Willis & Seth Woodcraft.





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ARNEWOOD PRODUCTION FOR NEXT YEAR!!!!

Geography Fieldtrip

Despite the topsy turvy events of this year the Year 12 Geographers have managed to make it out for their annual fieldwork. Students have all designed an individual enquiry, and are now in the process of collecting data and information to enable them to complete their individual reports. The titles are very diverse in nature, ranging from regeneration in Boscombe, to researching sand dune succession at Studland, comparing LGBTQ+ attitudes in different cities to investigating whether the beach huts at Mudeford are value for money in light of sea level rise.

In order to collect their data students have been conducting beach profiles, sand dune transects, groyne measurements, soil analysis and questionnaires in a range of locations such as Swanage, Studland, Bournemouth and closer to home Barton. All great fun ... but now comes the hard part of writing it up!

- Miss A Gardiner



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Our recently refurbished Arts Hub is now in use. The upgrades benefitted the drama and music departments.

Interior and exterior work was completed by Builders Greendale Construction last March.

The ROSLA (Rising of School Leaving Age) Building was built 50 years ago. Alumni who attended the school many years ago will remember this building as where automotive engineering was taught. At one time it also housed the canteen.



The funding was secured by an application to the Condition Improvement Fund. The Arnewood School continues to be a highly successful school with a growing Sixth Form and has some of the best facilities in the area.

ARTS HUB NOW OPEN



Designs submitted by students.

Head teacher, Nigel Pressnell with students holding the plans at the beginning of the project.

Nigel Pressnell, headteacher, said "This is the latest phase of our multi-million pound building improvement strategy and will complement work completed last year on our three story maths, science and vocational teaching accommodation. Students are fortunate to have some of the best facilities locally and this latest phase will give them access to state-of-the-art expressive arts spaces. This will benefit all key stages including the many students who remain at Arnewood Sixth Form to follow creative qualifications."

The Arts Hub is further enhanced by a mosaic, commissioned to commemorate the school's 50th anniversary and designed in collaboration between students and specialist company The Mosaic Studio.





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THE BRILLIANT CLUB

- Dr Parkes

Over the spring and summer terms, 30 Year 11 students participated in the Brilliant Club Tutoring Programme. The Brilliant Club aims to support pupils' progress by using the subject expertise and passion of PhD researchers. As subject experts, the researchers can support pupils to catch up and inspire them beyond the curriculum. The programme provided each student with 14 hours of small group (1:3) online tutoring over 14 weeks in core subjects. Six students participated in the programme for each of English, maths, biology, chemistry and physics.

We were very impressed by the quality of the organisation's work. In mathematics, for example, students were coached by Emma Soneson (<https://www.gatescambridge.org/biography/14962/>) currently completing research at Cambridge, and a former Yale graduate. As a Gates Scholar we think this was an amazing opportunity for our students, not just in terms of maths catch-up but role modelling too. Many of our students went on to participate in a Teach-a-Thon led by Cambridge Gates Scholars.

Funding for the programme was from the money allocated to schools for the national tutoring programme and post COVID catch-up. Each student received a handbook which contained all the material needed for their tutoring sessions and used a secure Virtual Learning Environment (VLE) platform to access their tutorials. In their last tutorial they received one-to-one feedback from their tutor summarising their progress and achievements and supporting their future development. The progress that they had made over the 14 weeks was remarkable. We were very proud of the commitment and hard work that our students put into the programme.

Feedback from parents was very positive. Here are just some of their comments:

"It was a very pleasant surprise to hear that my daughter had been selected to take part in this and I was very pleased for her and proud as her parent. She is getting on well with the programme and says she finds it very helpful for her continued learning."

"My son is doing The Brilliant Club: Chemistry. He is very much enjoying it which is a surprise to him so that's good!"

"Just to let you know that I think my son is getting a lot out of The Brilliant Club and although he probably wouldn't admit it, I think he's quite enjoying it. His actual words were, 'It's alright, I guess,' which is high praise indeed when it comes to him and maths!"



Students at their Graduation Ceremony, 14 July.



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DUKE OF EDINBURGH AWARD

I'm pleased to let you know that Arnewood School will offer the Bronze and Gold Duke of Edinburgh's Award (DofE) to students in 2021-2022.

The DofE is a great chance for your child to broaden their horizons, discover new interests and talents, have fun with friends, develop essential skills for their future and achieve an internationally renowned Award. Through their DofE, students will make friends and memories and build traits like confidence, resilience and self-esteem, which can benefit mental health. They'll gain skills and attributes for work and life, like problem-solving, team-working and self-motivation – and they'll achieve an Award that's recognised by top employers and can help them stand out when applying for university or jobs.

We will be launching Bronze with Year 10, and Gold with the Year 12. Students are required to complete the following sections to gain the award:

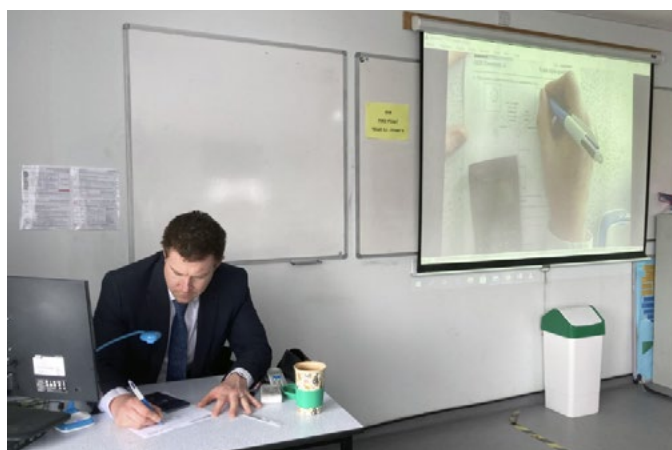
- 1. Volunteering** - is simply about choosing to give time to help people, the community or society, the environment or animals.
- 2. Physical** - you need to choose any sport, dance or fitness activity – in short, anything that requires a sustained level of energy and physical activity.
- 3. Skill** - For your skills activity you need to choose an activity that will allow you to prove you have broadened your understanding and increased your expertise in your chosen skill
- 4. Expedition** - you will need to plan, train for and complete an unaccompanied, self-reliant expedition with an agreed aim. You will also carry out training in preparation.

Mr P. Grant

Thank you to the PSA for all their fundraising and support over the last 2 years!

To get involved in the PSA or for more information on various fundraising initiatives please contact PSA@arnewood.hants.sch.uk

PSA SUPPORT by Kat Smith

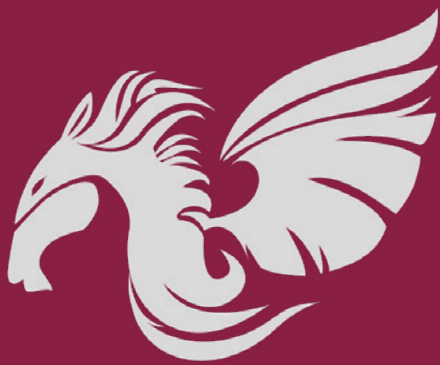


Visualiser in action in Mr Grant's lesson

We are delighted to have been able to support the school by spending money on the following, which is benefitting both staff and pupils:

- PCs and laptops for the school – especially valuable during the lockdown period to support students.
- 30 Visualisers – equipment used by teachers during lessons, enabling them to share any document during lesson time to display on the whiteboard – photo courtesy of Mr Grant, Head of Science:
- Six Picnic Benches in the student outdoor break areas – a great place for the students to relax and chat to their friends during break time.

The school are very keen for us to continue to provide funding for more outdoor benches and shelters, as well as for replacement tennis nets. This is now in our fundraising plan for next year!



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The Faraday Challenge is a competition based on real-world problems and brings together STEM subjects (science, design and technology, engineering and maths). Designed to engage young people develop their problem solving and communication skills.



5 teams of Year 8 students took part in The Arnewood School's Virtual Faraday Challenge. This season's challenge tasked young people to see if they can innovatively assist Network Rail by helping them to sustainably manage the increasing numbers of passengers using their network and minimise their impact on the environment. Students had to design one product that would enable Network Rail to do this.

The brief was given by video. Students then had the

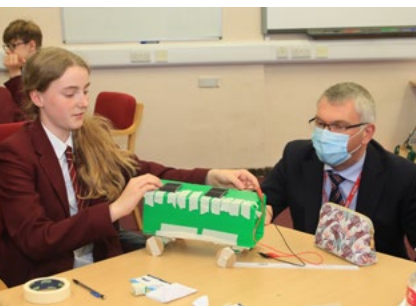
opportunity to demonstrate the engineering skills required to think of a solution, and produce a design of their idea. Ideas were constrained by a given budget and teams were required to build a working prototype. A shop was provided where teams could purchase materials to build their models. Teams had access to an actual engineer via a zoom consultation to assist with practical questions and engineering.

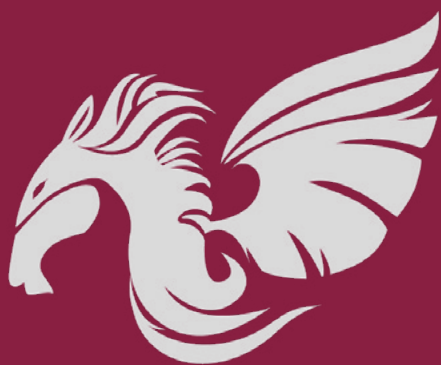
Designs included a solar panel train; a barrier system that prevents overcrowding; and a system that showed if any free seats were available in carriages.

The teams threw themselves into the challenge with enthusiasm and showcased some impressive skills. During the task head teacher, Mr Pressnell and Chair of the Governors, Mrs Cook paid a visit. The teams ended with a presentation of their work which was recorded and submitted for marking.



THE FARADAY CHALLENGE





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SCIENCE DEPARTMENT ON FIRE!!!

Not literally; Arnewood students are burning up the competition with their recent successes.



Diya Vilson & Katie Sumpton have been awarded first prize in the 2021 School's Analyst Competition from the Royal Society of Chemistry. The students took part in a 3 day chemistry competition set out by the analytical division of the RSC.



Congratulations to Amy Wilson for winning the Schools@ Darwin Tree of Life student quiz!

The Darwin Tree of Life project aims to sequence the genomes of all 70,000 species of eukaryotic organisms in Britain and Ireland. It is a collaboration between biodiversity, genomics and analysis partners that hopes to transform the way we do biology, conservation and biotechnology.



Coming soon:

The Royal Institution is presenting a spectacular In-School science show for Arnewood students to enjoy. The proposed date is the 30th of November.



Well done to the students who took part in the 2020/21 British Physics Olympiad. The Arnewood School's results were amazing with 29 students receiving Gold, Silver and Bronze Awards. The results are sent out to 122 schools for the 6171 participating students across the country. *Photo: Gold Award winner Joey Dewhirst receiving his certificate.*



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On the week commencing 23rd August, the Arnewood School are hosting a “survival week” Summer School.

28 children from our feeder schools are participating in a week long programme designed to introduce them to the wonders of Arnewood school and all it has to offer. The week is full of academic and enrichment opportunities to get them ready for their Arnewood journey.

Students will participate in Bushcraft in Bashley. They will engage in survival lessons with an expert, all within the wonderful ecosystem of the New Forest. Further, students will undertake a 3-hour “Battle-Zone” session at New Forest Activities in Beaulieu. This will focus on team-building, confidence and decision making.

We also look forward to welcoming our infamous storyteller who will guide us in a survival story. Our incredible English department are going to prepare story workshop sessions for students to design their own survival story to share with him on the day.

Not only will students be aided in the design of a story-piece, they will also study for a drama performance on Thursday afternoon. They will be working on a dramatic piece inspired by our theme of survival and they will get to invite parents to share in their achievements.

Other activities include a well-being session, cooking lessons and a ceramics session.

We will end our week with a graduation type ceremony, celebrating the success of the 28 students that will have grown exponentially over a 5 day programme. Parents will be invited to join us for the ceremony.

All of this would not be possible without our mighty Arnewood Community who are eager to help and facilitate wherever possible.

We cannot wait to welcome you, Year 6.

Best wishes,
Miss Gain

Year 11 Research Group

In the Autumn term Year 11 science students will be offered the opportunity to apply to participate in cutting-edge STEM research as part of The Institute for Research in Schools (IRIS) programme.

IRIS develops opportunities for secondary students from all backgrounds to participate in authentic research in school and make valuable, recognised contributions to the scientific community. Their aim is to unlock young students' passion for STEM subjects and unleash their desire to ask questions that have never been asked before and then, answer them.

Our students will collaborate with leading institutions and universities, opening doors for them as young scientists, technologists, engineers and mathematicians. They will be invited to present the findings in our first ever Science Research Conference, planned for the spring term.



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SPORTS DAY 2021

