



Inside this issue:

Grand Opening & Press Release	2
Concert, pianists and peripatetic lessons	3
Oxbridge & UCAS	3
Extra Curricular Activities	3/4
Thank You & Donations	4
New Staff Members	5
Covid 19 Update	5

Headteachers Message

It's a great pleasure to look back over the first month of this academic year and realise how much the school has grown at the beginning of its second year of existence. Having two cohorts of students in the school gives us a new sense of vibrancy and variety - the school is a noisier place, with more laughter, more music and more friendship.

Year 13 students have stepped up into their new roles as senior students and it gives me great pleasure to visit Supervision sessions in which they are now the teachers, supporting Year 12 students to learn the things they had to learn last year. I'm grateful to Year 13 for their generosity in this, and the positivity with which they have welcomed the new cohort to school. The new Year 12 cohort contains a wonderful range of talent of different forms. We're delighted to have enthusiastic musicians, chess players, sportsmen and sportswomen and participants in the varied life of the school along with a great richness of academic potential. We will shortly be sharing with Year 12 the information provided by the ALIS tests they took in early September. These give us a very interesting picture of the cohort and reassure us that every single one of the students who has joined us has more than enough academic ability to succeed with the challenging curriculum we deliver. There are limitations to all forms of assessment, and even greater limitations to any predictions made from them, so we encourage all students to treat the ALIS data and chances graphs as just one set of information to consider amongst others, and never to perceive it as setting any kind of ceiling on their potential attainment.

September has been a busy month both in the classroom and beyond. We attended a concert at the Liverpool Philharmonic, took part in sport at Sport Liverpool, welcomed Dr Matthias Doerrzapf (Director of Studies in Mathematics at St John's College, Cambridge) to school to speak to students, started our programme of lunchtime activities (including sewing on a Friday, where I let students loose on my sewing machine!)



Holiday Dates

- Half Term Break October 25th - 29th
- Christmas Break December 23rd - 4th January
- Half Term Break February 21st - 25th
- Easter Break April 11th - April 22nd
- May day Holiday - May 2nd
- Half Term Break May 30th - June 3rd

Grand Opening



The School was officially opened after a year long delay by Dr Steve Garnett, a great supporter and friend of the school. Speeches from Professor Dame Janet Beer (Vice Chancellor of the University of Liverpool) and Professor Gavin Brown (Pro-Vice Chancellor Education) emphasised the excitement and importance of the Maths School being a part of the University of Liverpool's activities.

Press Release

University of Liverpool specialist Mathematics School officially opened

The University of Liverpool's specialist Mathematics School has been officially opened by the Liverpool tech entrepreneur, Dr Steve Garnett.

In operation since September 2020, the School currently has 64 students studying an intensive STEM focused curriculum based on, but not limited to, A-Levels in Mathematics, Further Mathematics, Physics and Computer Science specifically devised to give them a deep and flexible understanding of mathematical sciences.

The School aims to be a centre of excellence in raising attainment in the Liverpool City Region, supporting and influencing the teaching of mathematics in the surrounding area.

It provides a significant outreach programme with several online classes in mathematics, physics and computer science running every weekday evening. To date, it has inspired, supported and challenged around a thousand students in the region and beyond, and has plans to go much further.

Dr Garnett is a successful tech entrepreneur, originally from Fazakerley, whose own love of maths helped him build his successful career in the technology sector.

He said: "I am delighted to be invited to officially open the University of Liverpool's Mathematics School this evening. When I look at where the next generation of wealth opportunities will come from you have machine learning, AI, IoT, CRISPR (gene editing), robotics and many more – all these subjects have mathematics intimately woven through their fabric so there is a huge need for many more mathematicians, physicists and computer scientists.

"The students coming out of new Mathematics School will be super equipped to become tomorrow's industrial and academic researchers, innovators, teachers and wealth creators and I am honoured and delighted to play a part in this School under the leadership of Damian Haigh and the sponsorship of the University."

Head teacher Damian Haigh said: "It's wonderful to be able to celebrate the opening of the school at last, even though we actually opened last September. We have had so much support from so many people at the University of Liverpool, the Department for Education, Liverpool City Council and many other people and agencies from all over the country.



View our official press release on the link below:

<https://news.liverpool.ac.uk/2021/09/30/university-of-liverpool-specialist-mathematics-school-offically-opened/>

Concert, pianists and peripatetic lessons

Michaelmas Term, Issue 1

From the outset at ULMaS we have been strongly committed to enabling students to access and appreciate the arts, but last year was very frustrating on that front with galleries and concert halls closed for much of the year. It was therefore a great pleasure to visit the Walker Art Gallery last July and an even greater pleasure for me to take over half of our students to the Liverpool Philharmonic to hear a recital by one of the runners up in the recent Leeds Piano Competition, Ariel Lanyi. In order to ensure that all students were able to take part in this event, the school paid for the tickets using money from some of the generous donations we have received over the last year. I hope there will be many more events like this, and although we won't always be able to pay for all the tickets, we will provide assistance for any student who would like to attend but is struggling to meet the cost: students just need to ask.

Ariel played the following pieces:

Schubert: Six moments musicaux (moments 1-3 + moment 4 in the encore)

Schubert: No.1: Moderato in C major and No.2: Andantino in A \flat major

Debussy: Images, Book II

Schumann: Humoreske in B-flat Major, Op. 20

"Last Wednesday at lunchtime, I went with the school to watch Ariel Lanyi's classical piano concert where he covered multiple works. He conveyed a simultaneous feeling of serenity and calm yet unease, due to the drastic turns of mood in the music with the feeling of being led into the unknown. There were many twists and turns in the piece, with sudden changes in the speed, continuously bringing an element of surprise and consistently letting the audience engage with him. It is clear Lanyi is a naturally talented piano player, as there was nothing artificial or over-practiced about the way his hands were gliding over the keys, as if it was second nature to him. As this was my first time attending the philharmonic, I was surprised to say the least when he kept hopping on and off stage after applause, but when he came back to do an encore I realised it was part of the performance and added an element of enjoyable theatricality. Thankfully, his encore was worth the wait as he saved the best piece (written by Schubert) for last, this piece had a build up, to the point where the audience was on edge by the end as he played his final chord, which seemed very sudden, and made us want him to carry on. Overall, the performance was exciting and powerful, and I'm looking forward to the next opportunity to go to the philharmonic again."

Year 12 Student Anna Park



Oxbridge & UCAS

Y13 students are now well into their applications for university for September 2022. **The Oxford and Cambridge applicants have a deadline of October 15th.** Students are currently speaking to their reference writers to coordinate the content and ensure all the most crucial information is clear to admissions. All other students submit applications by the end of January. All students are supported by the pastoral team with their applications: if you need additional support are you are a parent who is interested in finding out more about the process please do get in touch. Our [Parents' Briefing on UCAS and Post Year 13 Opportunities](#) is still available on YouTube.

As well as this we are attending a University and Apprenticeship Fair on the **18th November at Anfield**, a great chance to also speak to employers and other training providers regarding apprenticeships and degree apprenticeships. It may be most students go to university but we do like



Extra Curricular Activities



Lunchtime Clubs

Our lunchtime clubs are now well underway! We have a lot on offer from Robotics, Cryptography, Movie, Chess, Star Wars, Creative, Environmental, RPG & DofE Club. Students are keen to be involved and we are running these clubs as students expressed an interest, and they will then lead the clubs too.

Sports

Sports began again this year with a sports day at the end of the induction week. We have since played dodgeball, basketball and football. We are really enjoying seeing the students have a go and finish the week with something different to help them relax after their week.



We have a very large number of students who have signed up to complete the Gold award which is really pleasing. Students have a Monday lunchtime session where experienced DofE teacher Michael Prescott, our very skilled new Maths teacher, will lead them through the knowledge and skills they need to succeed.

We will also ensure students are on track with the other areas of the award. Overall we are really looking forward to it! Provision dates for expeditions that will be outlined to participants are TBC. We will confirm once we book the various components for the expeditions.

Practice Expedition

Dates TBC between Tues 19th April - Fri 22nd April (3 days, 2 nights) - (2nd week of our Easter break)

Qualifying Expedition

Dates TBC between Mon 4th July - Fri 8th July (4 days, 3 nights) (Y12 have just finished school the week before)

Student Cabinet

Now that the school is growing we think the time is right to introduce a formal structure within which students can advise the Headteacher about their experience in school and their views and wishes for the development of the school. We have therefore introduced the idea of a Student Cabinet.

Each of our 3 houses will elect 2 representatives and a third representative will be nominated by the House Tutors.

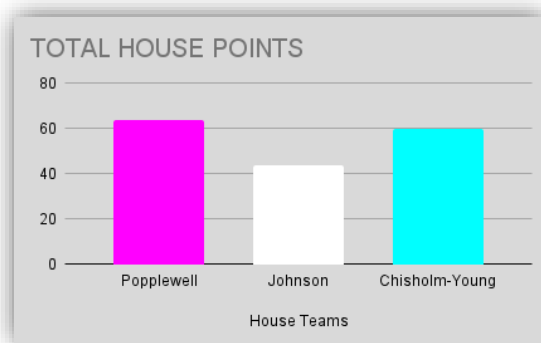
Students will share with their house why they would be a good representative on Monday 11th October, and voting will take place shortly afterwards. As well as providing a form for students to express their views about school and local or national issues, we hope that our Cabinet Members will also take a lead in representing the school in events such as school visits. This is an excellent opportunity for students to develop and show evidence of leadership and communication skills.

Students, please speak to your form tutor to step forward and grasp this opportunity.

Interhouse Competition

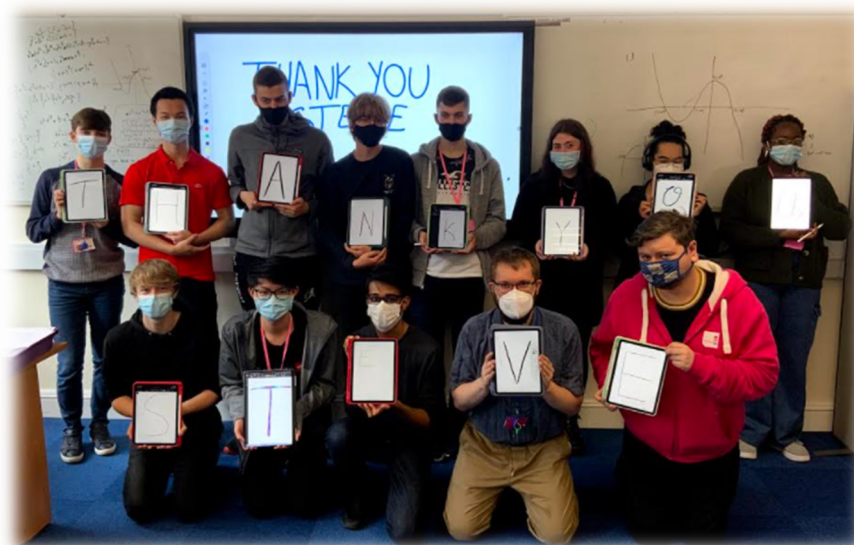


Our students have been given allocated houses that compete in Sports. The interhouse events so far have given the following results. Can anyone catch Popplewell?



Thank You

Dr Steve Garnett, a very kind and generous supporter of the school visited us last June to speak to students about careers in the software industry. When he visited he asked students what they would do if they had £10 000 to buy something to improve the school. The students pitched their ideas to him, Dragon's Den style and the winning idea was to ensure that every student had an iPad. Steve then took our breath away by donating £25 000 to enable us to buy enough iPads and Pencils to provide every student that requested it with an iPad on a long term loan. Last week we issued these to students and it's clear that they are already making excellent use of them to support their learning. We will be asking students to return the iPads when they leave school. However, we are also keen to ensure that students who might struggle financially in getting set up to go to university study talk to us about how we can help - they can talk to Damian, Dave or their form tutor about any concerns they might have and we'll do our best to find a solution. If it would make a big difference to a student to keep their iPad, then this may be possible.



Steve visited us again last week to officially open the school. I'm delighted to say that he once again made a very generous donation to the school that will enable us to offer more free or very cheap opportunities to our students like the recent concert at the Philharmonic and this week's Year 13 visit to Cambridge (more of which in the next newsletter). The Garnett Bursary Fund means that, rather than offering specific help only to those who have demonstrated eligibility for the 16-19 Bursary fund, we are now able to make most activities accessible to all students without having to ask about household income. This is a really remarkable position for us to be in, and is going to make a huge difference to the school and its students and their families. We are deeply grateful to Steve for his generosity.

We would also like to thank all of our Trustees, Parents and anyone else who has supported and donated to our School over this past year, we are hugely grateful to everyone and couldn't of been successful without you!

Parent Trustees

We are delighted that two parents of Year 12 students have stepped forward to act as parent trustees. We will therefore be organising an election soon - please look out for further details.



UNIVERSITY OF
LIVERPOOL
MATHS SCHOOL
EDUCATION FOR 16-19 YEAR OLDS

Sir Alastair Pilkington Building
Back Bedford Street,
Liverpool
L69 7SH

Phone 0151 640 0397

Email reception@liverpoolmathsschool.org

 /livmathsschool/

 /LiverpoolMathsSchool/

 /LivMathsSchool

Our Mission

We exist to enable children with a strong interest and high potential in the mathematical sciences to achieve global impact through careers in the mathematical sciences. By preparing them thoroughly and comprehensively for STEM degrees and significant roles both within local communities and the global community of science, technology, engineering and mathematics, our students will be equipped to become tomorrow's industrial and academic researchers, innovators who will address the world's greatest challenges, teachers who will inspire the next generation, wealth creators, entrepreneurs and problem solvers.

New Staff Members

We are delighted to welcome three new faces to the ULMaS team.



Michael Prescott teaches Mathematics.



Samuel Canham teaches Mathematics and Computer Science



Maria Connell is our new Administrator

Covid 19 Update

16 and 17 year olds can now use the online booking service for their COVID-19 vaccine.

The Department of Health and Social Care announced on Friday 24 September that all 16 and 17 year olds can now book their first COVID-19 vaccination appointment online.

Young people aged 16 and 17 can:

- [Book their COVID-19 vaccination appointments online](#) for an appointment at a vaccination centre or pharmacy
- Find a [walk-in COVID-19 vaccination site](#) to get vaccinated without needing an appointment

If students cannot book appointments online, they can call 119 free of charge. They can speak to a translator if they need to. Further information can be found on the [NHS website](#).