SURREY MATHS SCHOOL

NEWSLETTER

1 JULY 2024

DEAR STUDENT

As we near the end of the summer term, our thoughts are turning to SuMS and our opening in September! We are very excited that you will be in our first, pioneering cohort of SuMS students, helping us to create the school's culture and define what life will be like for yourselves and subsequent cohorts of SuMS students.

Our Enrolment Day will take place on 22 August, at St Saviours Church in Guildford (GU1 4QD). This is a very important event in your journey to joining SuMS as it is the day that you will be sharing your GCSE results with us and committing to joining us a few days later!

You must complete your enrolment in order to secure your place at SUMS.

See you there!

IMPORTANT NOTES

1 We sent your parents and carers an important email last week, which they should have received. Please ask them to check their Inbox! It contains a link to a form asking for your enrolment day preferences (and giving information about our Cuffley trip).

We will need their response by 10 July please!

2 In the week of 15 June we will be sending you another very important email. It will include a link to your full enrolment form. This is a key step in your admissions process as it enables us to gather all of the information that we need to officially 'sign you up'! This form is a long one, as we are required to have lots of data for enrolment.

You can start completing it ahead of results day, so that most of your work is done by the time we see you on 22 August.

We strongly recommend that you do this!

3 **Please note that you MUST complete your enrolment in order to secure your place at SUMS.**

DATES FOR YOUR DIARY

As a SuMS offer holder there are three key dates that need to be in your diary:

- **Enrolment day: 22 August at St Saviours**
- **Term starts: 5 September (for students)**
- **Cuffley trip: 11-13 September**

WHO IS EMMY MURPHY?

At SuMS, our four houses are named after mathematical scientists that we respect and admire. We want to share a little more about each of them; this week we want to tell you a little bit about Emmy Murphy.

Emmy Murphy is someone that we admire tremendously for her pioneering spirit. She is an American mathematician and a professor at Princeton University, working in the area of symplectic topology, contact geometry and geometric topology.

Growing up as the daughter of a nurse and an industrial valve salesperson, she was the first person in her family to go to college. Moreover, she seriously considered leaving academia after deciding, midway through graduate school, to come out as transgender. However, her love of mathematics won over and she continued her studies, graduating from the University of Nevada in 2007, and completing her doctorate at Stanford University in 2012.

"By the end of high school, I knew mathematics was what really tickled me. So I was very much looking forward to a place where instead of having one calculus class, I could take four math classes. I didn't have any picture in terms of a career. I knew I enjoyed learning math in the moment, so I went to college because I could continue learning it."

Murphy then worked as a C.L.E. Moore instructor and assistant professor at the Massachusetts Institute of Technology before moving in 2016 to Northwestern University, where she became an associate professor of mathematics. She moved to Princeton University in 2021 as a full professor.

"A big part of why I love the type of math I do is the opportunity to discuss it and share that beauty with others."

Murphy is recognized for her contribution to symplectic and contact geometry. She won the New Horizons in Mathematics Prize in 2020 for "the introduction of notions of loose Legendrian submanifolds", and "overtwisted contact structures in higher dimensions", which is joint work with Matthew Strom Borman and Yakov Eliashberg.

Murphy's work has been recognised with many awards and honours, including becoming a Von Neumann Fellow at the Institute for Advanced Study (2019–2020), being awarded the New Horizons in Mathematics prize (2020) and being granted the Joan & Joseph Birman Research Prize (2017) by the Association for Women in Mathematics.

TRANSPORT TO SUMS

As you know, we have been working hard to make sure that being in our temporary home is a positive experience for all of our students (and staff!). One key element of this is making it very easy for you to get to and from school each day.

With that in mind, we have arranged a private coach service that will run from Guildford train station to Kings College twice each morning, and then back again twice each afternoon. We will ask you what time you think you will be at Guildford station in the enrolment form so please return it to us ASAP when you receive it!

We will communicate the departure times of the coaches to you nearer the start of next term, but please rest assured that you will be able to travel in comfort (and free of charge) from the station to Kings very easily, and in good time for lessons to start.

If you have any questions about this, please email us on info@surreymathsschool.co.uk.

HOW CAN WE HELP?

We want to make sure that our newsletter is accessible to everyone; easy to read, friendly and informative. If there is anything that we can do to make it more accessible, or if there is content that you'd love us to include, please get in touch.
You can call us on 01483 974211 or email us on info@surreymathsschool.co.uk.
If you have any concerns, please let us know either by email or by submitting a response to this anonymous form, which will go through directly to our Co-Headteachers.

We're always glad to hear from you!

It's nearly the end of term! We are so impressed by the hard work, commitment and passion that you have shown over the last few months.
We hope that you are planning a good break over the school holidays, with plenty of rest and time to look after yourself.
Starting Y12 with us at SuMS will be an exciting, busy time and we hope that you will feel energised and ready to get going!

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"Without mathematics, there's nothing you can do. Everything around you is mathematics. Everything around you is numbers." - Shakuntala Devi