



Youth Neuro Australia
Email: o.tanglay@yna.org.au
Phone: +61 452 631 919

Dear Parent/Carer,

Youth Neuro Australia would like to invite your child to a free pilot science workshop as part of our upcoming brainSTEMM program, which will be held on **Saturday 28 November 2020 at 1pm.**

What is brainSTEMM?

brainSTEMM is a new initiative by Youth Neuro Australia, developed in collaboration with the NSW Department of Education. brainSTEMM aims to address the deficits seen in science education and engage students in science beyond the content of the syllabus to supplement their learning.

What does brainSTEMM offer to students?

We are striving to break down the misconceptions of science as a discipline of facts and formulas but rather inspire creative ideas and discussions around science. We want students to realise that science is a way of thinking that can be applied to any problem, whether in their everyday lives, or in their future careers. Beyond this however, the process of science requires a myriad of key interpersonal skills: teamwork, communication, and in this digital age, a critical appraisal of information. Our program incorporates innovative teaching strategies that maximise retention of these skills and apply them in a variety of contexts.

The skills offered by brainSTEMM are based upon the skills section of the NSW Science Syllabus. We believe that developing these skills will allow students to better engage with the science syllabus and improve their performance at high school. More importantly, students will gain skills that drive 75% of high-growth jobs.

Activity Details

We are running a pilot of brainSTEMM to gain feedback from students prior to our launch in 2021. There are only 20 spots for the pilot this year. Students will participate in three breakout sessions in addition to discussion activities. The topics covered will include:

- Introduction to neuroscience
- The scientific method
- How to come up with a research question and design an experiment
- Ethics and the impact of science on society

Date: Saturday 28 November 2020

Time: 1pm-3pm

Venue: University of Sydney Nano Institute

Cost: Free

Registration: Head to yna.org.au/pilot and fill out our registration form. Alternatively, and for further information about our program please contact Onur Tanglay on 02 8957 1788.



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Our facilitators

All our facilitators have a current Working with Children Check cleared by the NSW Office of the Children's Guardian. If you would like to verify their clearance, please contact us.

COVID-19 Safety

Youth Neuro Australia is a COVID-Safe business. To ensure the safety of all attendees, screening will be carried out on entry to the venue, masks will be compulsory, and all equipment will be sanitised before and after use. We ask that students do not participate if they have any cold/flu like symptoms.

