



17 June 2022

Dear Parents/Guardians,

We are delighted to announce that our application process is now open for the Year 7 STEM Stream.

Everybody in year 7 studies Science, Maths, Computing and Technology as part of their curriculum, but for some, we know that STEM is a genuine passion. There are many students who have been interested in STEM subjects who may not have had a lot of experience, however are really enthusiastic and keen to explore these subjects in greater depth. Longdean are proud to provide a unique learning opportunity for students to innovate, explore and excel in the fields of Science, Technology, Engineering and Mathematics; underpinned by our core values of "Engage, Confidence and Aspiration."

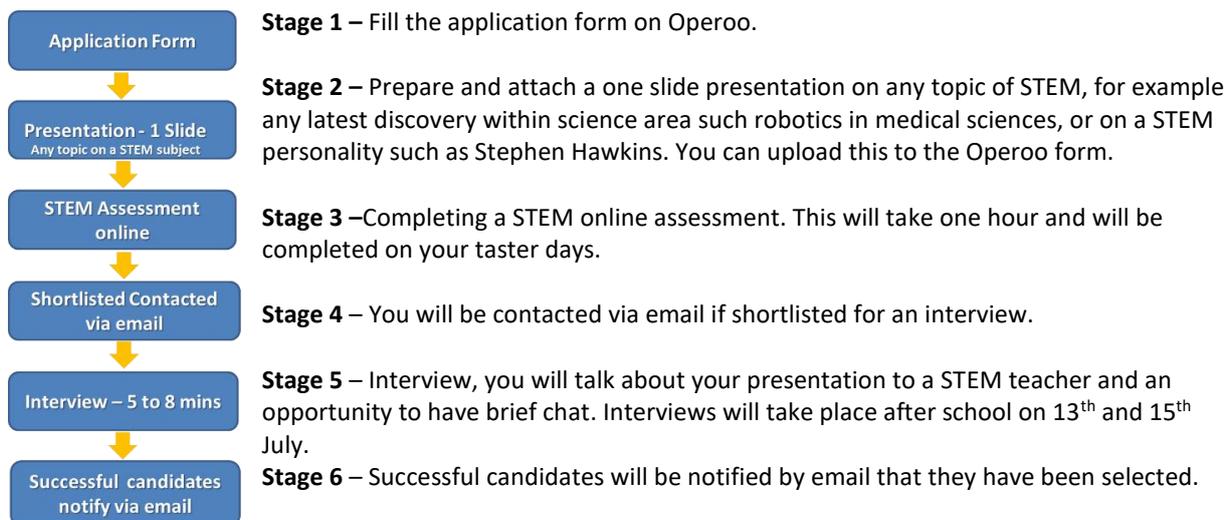
STEM (Science, Technology, Engineering and Mathematics) is constantly in demand in a modern scientific world that is undergoing a technological revolution that will impact every aspect of our lives. The STEM staff at Longdean are very passionate about their subjects and would like to share their experiences to allow the growth of students' mindset.

Students will have experience of enrichment beyond the classroom setting, providing them with real life situation possibilities. The exciting curriculum on offer includes robotics, and STEM Stream students will have master classes where they will interact with STEM professionals. This would provide fantastic employment and future possibilities for young people who study within the vast array of STEM subjects. It is expected that STEM students will progress to study triple science and at least one STEM related subject as one of their GCSE options.

Alongside our STEM programme, we also want to broaden the horizons of all of our students at Longdean through our co-curricular programme that will give all students unique learning opportunities, in addition to the excellent provision that we already provide.

The application process is open to anyone who is passionate about STEM subjects and would like to engage in a creative world of technology. **The deadline for submission is 1 July 2022.**

Here is a flowchart of the selection process:



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Year 8: 01442 205706
Year 9: 01442 205703
Year 10: 01442 205760
Year 11: 01442 205707
Year 12: 01442 205720

Social Media:

PE: @LongdeanPE
Science: @LongdeanScience
History: @LongdeanHistory
Film Studies: @LongdeanFilm



If you have any questions, please do not hesitate to get in touch. The best email to use is stemstream@longdean.herts.sch.uk

Yours truly,
Mr Rathore
Director of STEM