



MARIST COLLEGE NORTH SHORE

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11 November 2020

Dear Parents/Guardians,

Year 8 STEM Day Challenge

On Friday 20 November, Year 8 students will be participating in a STEM Challenge Day conducted at school.

The STEM Challenge day is designed for students to experience a contextual introduction to STEM and further develop the 21st century skills required by a changing workforce. Some of these skills include innovative thinking and resourcefulness, problem solving skills as well as critical and creative thinking thereby demonstrating communication skills to enable effective collaboration in small teams.

The context of the STEM Challenge Day is centred around refugee camps and the needs of the people residing in these camps. As luxury items such as chairs are not provided by refugee agencies, students will be challenged to design and create a piece of furniture that can withstand the weight of a person.

Students will be divided into groups of five based on their House Groups, with each student being responsible for a particular role. There will be specific tasks each student will need to complete throughout the day with focus placed on collaborative group work. At the end of the day, the final products will be assessed on aesthetics and functionality.

Students may wear their sports uniform on the day and will still be required to supply their own lunch. Mentoring will occur throughout the day by members of the Science, Mathematics and TAS facilities. If you have any questions with regards to the proposed activities, please contact Daniel Levitt on daniel.levitt@syd.catholic.edu.au.

Yours faithfully,

Daniel Levitt
Leader of Learning - Science

Brigid Taylor
Acting Principal

