



MARIST COLLEGE NORTH SHORE

270 MILLER STREET, NORTH SYDNEY NSW 2060 P: 9957 5000 E: northshore@maristcollege.com
www.maristcollege.com

18 November 2020

Dear Parents and Guardians,

During week 9, Monday 7 December to Wednesday 9 December, Year 7 and 8 will be participating in the *Festival of Learning by Doing*, which is a modified three day learning program aimed at providing students with unique learning experiences outside of the curriculum. The *Festival of Learning By Doing* provides our MCNS students with the opportunity to engage in a learning adventure where they choose their own path. Each faculty will be offering students a variety of 2 x 2 hour learning opportunities per day, with each day concluding in a 1 hour wellbeing and reflection session.

Students are to wear their sports uniform on each over the three days and will also be offered a BBQ lunch and a drink on Wednesday 9 December.

The purpose of the festival is to engage students in hands-on activities, and allow students to walk away with a learning experience that will provide them with the skills and attributes to join the conversation of the world.

On Monday 23 November, Week 7, students will be emailed a google form to select their preferred learning opportunities. This google form will close on Friday 27 November at 3pm. There is a maximum number of students per session, so it is compulsory for each student to select their preferred choices. Students will be required to select their top 8 preferences, and will be notified in week 8 of their allocated learning opportunities.

The list of opportunities are below, please note there may be some adjustments prior to the form being sent out. The finalised timetable of activities will be added with the google form.

If you have any questions or concerns, please do not hesitate to contact Mr Levitt for more information on daniel.levitt@syd.catholic.edu.au

Yours sincerely,

Daniel Levitt
Acting Director of Teaching and Learning

Brigid Taylor
Acting Principal



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The Festival of Learning By Doing - Activity List

| Faculty | Title | Description | Student Capacity |
|---------|------------------------------|---|------------------|
| Science | USYD Neuroscience Activities | In partnership with The University of Sydney To engage students in Neuroscience activities that foster their interest and passion in STEM. During this interactive session, students will be using model structures, specialised equipment and activities that educate them about basic concepts underlying the complex networks found in the brain. The session will run as 5 activity stations each with 1-2 Sydney University PhD researchers/academics, where students rotate around from station to station. The stations tackle the following topics: (1) Vision; (2) Brain waves; (3) Brain dissection; (4) Reflexes and balance; (5) Olfaction. | 30 |
| | Bottle Rockets - STEM | Students will design bottle rockets and parachutes from provided materials to compete against other teams to create a rocket that stays in the air the longest. Students are required to bring in their own 1.25L empty plastic bottle | 30 |
| | Bridge Bonanza | This bridge building STEM activity will get students thinking about the foundations of bridge building & what creates a strong structure. This build requires students to work well as a team and challenges them to carefully consider the most effective use of materials available to them. Each team must create the strongest bridge possible. | 30 |
| | Ditch the Dirt | This STEM challenge is designed to stretch budding engineers and show them the principles needed to solve problems in the real world. Enables students to discover how access to clean drinking water is a problem in many parts of the world, then design & build their own water filter. | 30 |
| | Lemon Batteries | Students learn about electron transfers in lemons and create their own batteries from to charge varied items and collect data | 30 |
| English | From Page to Stage | Students will work together on a scene from a play - from unpackaging the meaning of the script to casting, directing, blocking it out and then creating a performance. | 40 |
| | Lego Masters - Story World | Students work in small teams to create a Fantasy world from one of the texts they have studied or loved in English. If students have Fantasy Lego of their own they can bring it but they | |



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| | | are responsible for it. Students can also come prepared with a plan in regards to the world they are building. | |
| Maths | Life By Numbers | Students participate in different physical and mental activities at various stations. Students will use mathematics to help solve real-life problems and present data based on results recorded from various activities. | 40 |
| | Maths World | Students have the time and freedom to pursue their own paths in trying to solve the problems. The students can experience mathematics related to practical and real-life situations. Each station is an enjoyable and attractive situation which makes the students want to think. It helps develop skills necessary to work in small groups as an effective way of learning mathematics. It allows the students to interact, which can boost their confidence. Promotes positive attitudes towards mathematics. | 50 |
| RE | Solidarity: Advocacy Workshop | An opportunity to explore a contemporary social justice issue facing society and how each of us can be part of the change. | 20 |
| | What Makes a Church? | An examination of the physical features of a church and then an opportunity to design your own on computers | 20 |
| | Mary Mackillop - Mini Pilgrimage | Learn more about Mary Mackillop's contribution to Australian Catholicism and Educational landscape as we retrace her steps around the local community. | 40 |
| History | Practical Archaeology | Students will work in groups of three to plan and the execute and archaeology dig using a multi layer cake as their dig site. | 40 |
| | Medieval Trebuchet building | Students will work in groups of three to plan and then build a medieval trebuchet (catapult) from scratch. They will then have a competition to see which groups is the best | 40 |
| PDHPE | How fit am I? | Students will engage in a number of activities designed to reveal their current level of fitness across a number of differing fitness components | 40 |
| | Strongman | Students will be oriented into and participate in a variety of safe strength training exercises. Learning correct technique when using equipment and the benefits derived from an effectively designed strength program | |
| | Tactical gameplay | Students will devise and implement individual and team tactics and strategies in different games to accomplish desired goals | 40 |



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| CAPA | French Buffet | Students learn about French foods and how a French gastronomic meal runs as well as cheese etiquette and popular mains and desserts. Then in small groups, they research French menus and create their own 4 course menu. | 15 |
| | Improvisation and Playbuilding | Students will create an original abstract group performance using images and ideas from one - two pages of the picture book The Red Tree. Students will utilise movement, sound, still images, sound effects and ritual to create their performance. | 20 |
| | Percussion Soundtrack | Students will view a scene from a film or animation and will work in groups to compose a percussion soundtrack for the scene which, by the end of the two hours, they will perform. | 15 |
| | Musical Painting Workshop | Students will be able to select their own songs and make paintings or mixed media works expressing the music in visual form. | 20 |
| | Fantastical & Strange Clay Heads | Exploring clay hand building techniques to create a clay head depicting a fantastical and strange creature. Drawing inspiration from the work of Shaun Tan and Max Ernst. 4 hour workshop creating clay heads. | 40 x 4hr session |
| | Facial Portraits | Marist Mini Archibald Workshop. Students learn to draw facial features from life and then explore painting. | 20 |
| TAS | Cookie Xmas Decorations | Students will be decorating cookies with icing with an Xmas theme. | 24 |
| | Urban Design | Students will be designing a city on a computer program. | 24 |
| College CLT | Grounds Keeping | Students will be assisting with handyman work around the College. There is the option to participate once or multiple times over the three days. | 20 |