

COLLABORATION = ENRICHMENT



AUSTRALIAN
SCIENCE &
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SCHOOL

Yr 10 + 11 + 12



Primary Mathematics Extension Group

The Australian Science and Mathematics School (ASMS) is offering an exciting short course extension program for students in years 5 to 7, involving Inquiry-based learning.

Theme: Numbers in Nature

In the park, through a microscope, or in the mirror, patterns surround us in nature. They form the spiral of a pine cone, symmetry of a leaf and ocean waves.

Participants will be guided by our staff and students to develop an inquiry question and present their learning on a digital poster. Teachers, students, and parents will receive packs of useful resources.

To Register:

Parents and teachers can register students for our Primary Mathematics Extension Group (PMEG):
<https://events.asms.sa.edu.au/events/pmeg>

Program cost: FREE!

Car parking at the ASMS (Flinders University campus) costs approximately \$4 in short-term car parks.

For more information:

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Government of South Australia
Department for Education

Primary Mathematics Extension Program

The Primary Mathematics Extension Group (PMEG) program will be delivered through two after-school sessions and a final session during school hours where participants join our Research Project Expo.

Session overview:

+ Session 1 – Thursday 10 September, 4pm to 6pm

ASMS staff and students will present our theme, Numbers in Nature. Students learn how maths is present all aspects of our lives, and how to design a poster that conveys mathematical concepts.

Explorations may extend to the Golden Ratio (Fibonacci Sequence), Mandelbrot Sets, Symmetry, Geometry, Statistics, Modelling and beyond.

+ Session 2 – Thursday 29 October, 4pm to 6pm

ASMS staff and students will work with participants on the development of their poster. Teachers and parents will gain insight into how student agency in problem-based learning can extend students understanding of mathematics.

+ Session 3 – Thursday 19 November, 1.30pm to 3.30pm

Participants showcase their work, celebrate their achievements, and receive their certificate during our ASMS Research Project Expo week.

Please note: public health and safety measures in relation to Covid-19 concerns will be in place.



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