



VIRTUAL PRIMARY STEM

2026 Program information sheet



JOHN MONASH
SCIENCE SCHOOL



emerging
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victoria

Virtual Primary STEM at John Monash Science School

Part of the 2026 Victorian Challenge and Enrichment Series. John Monash Science School is proud to offer a new, **FREE** Virtual Primary STEM program for high-ability Year 5–6 students in Victorian government schools.

Program overview

The Virtual Primary STEM program aligns with **Victorian Curriculum 2.0** and extends **high-ability students beyond Year 5/6 expectations**, introducing them to concepts typically explored in **Year 7/8 STEM**. Students will experience deeper scientific thinking, hands-on investigations, and inquiry-rich learning led by specialist JMSS teachers.

Registration requirements (eligibility)

This program is designed for Year 5/6 high-ability primary students who have a strong interest in STEM.

Students must (be) :

- *from a Victorian State School*
- *obtain parental/caregiver consent to participation*
- *demonstrate readiness and ability to complete the activity*
- *show evidence of high ability in the activity curriculum area/s*

How many students can each school enroll?

There is **no limit** on how many students a school can enroll, as long as they meet the eligibility criteria. The program runs across several intakes throughout the year, and each intake/class is **capped at 30 students**.

Because of this, we may not be able to place all your school's nominated students into the same intake.

Learning streams

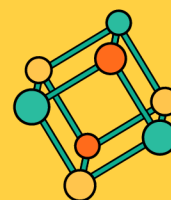
In 2026, eligible schools can enroll students in :

- Science Squad and/or
- Maths Ninjas



Science Squad learning topics

- introduction to scientific method: making predictions, changing variables, and making observations
- flight & Bernoulli's principle
- nanotechnology & material properties
- genetics & DNA



Maths Ninjas learning topics

- code breaking
- card shuffling and math-a-magic
- graph theory
- logic puzzles
- fractals

Stream lesson structure

Each stream runs for **three weeks** and follows the same engaging live learning model:

- six 50-minute, live virtual lessons
- delivered over three weeks via Webex on

Lesson time (*semester 2 lesson time subject to change)

- Tuesday 9:00 am – 9:50 am &
- Thursday 12:30 pm – 1:20 pm

2026 lesson dates (*subject to change for semester 2 dates)

Science Squad	Maths Ninjas
Semester one	
10 March - 26 March	19 May - 4 June
28 April - 14 May	9 June - 25 June
Semester two	
4 August - 20 August*	14 July - 30 July*
6 October - 22 October*	25 August - 10 September*
24 November - 10 December*	27 October - 19 November*



Students enrollment

- John Monash Science School does **NOT** accept enrolment applications from individual students or parents
- Only eligible schools with students who meet the requirements can submit an enrollment
- schools must assign a **liaison teacher** to liaise directly with the JMSS Outreach team to complete the enrolment process



Liaison teacher role

- register students in the program
- ensure students are supervised in an appropriate learning space during scheduled lesson times.
- ensure students have access to support during and after each session.
- monitor attendance, including following up on unexplained absences
- provide advanced notice of any upcoming student absences, e.g. camps, excursions, appointments
- collaborate with the JMSS teacher to ensure students remain up to date with course requirements
- ensure students can access the virtual class, including confirming device connectivity and that headsets are functioning properly.

Student technology/logistic requirements

- access to a computer (laptop or desktop), preferably with a built-in camera
- a stable internet connection; and,
- a working headset with a microphone

