



MONASH
University

MALAYSIA

STUDENT WORKSHOPS 2026



BOOK A WORKSHOP TODAY

Email or submit this booking slip to your Monash contact.

CONFIRMATION SLIP

School: _____ **Counsellor:** _____

Number of participants: Science _____ /Arts _____ **Preferred date:** _____

Study level: _____ **Preferred time:** _____

Additional request(s):



Or scan the QR code to book online.

monash.edu.my/school-workshops

GET YOUR STUDENTS EXCITED ABOUT HIGHER EDUCATION

Choose from a broad range of workshops aimed at inspiring ideas for future study paths and careers.



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FOR SECONDARY/
PRE-UNIVERSITY
STUDENTS**



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POTENTIAL
STUDY MAJORS**



**EXPERIENCE AN
INTERNATIONAL EDUCATION
WITH A UNIVERSITY RANKED
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**DEVELOP NEW SKILLS
AND DISCOVER
NEW PASSIONS**



**VISIT OUR CAMPUS
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OUR WORKSHOPS
TO YOUR SCHOOL**



**GET INSIGHT INTO
HIGHER EDUCATION
AND UNI LIFE**

1 QS World University Rankings 2026

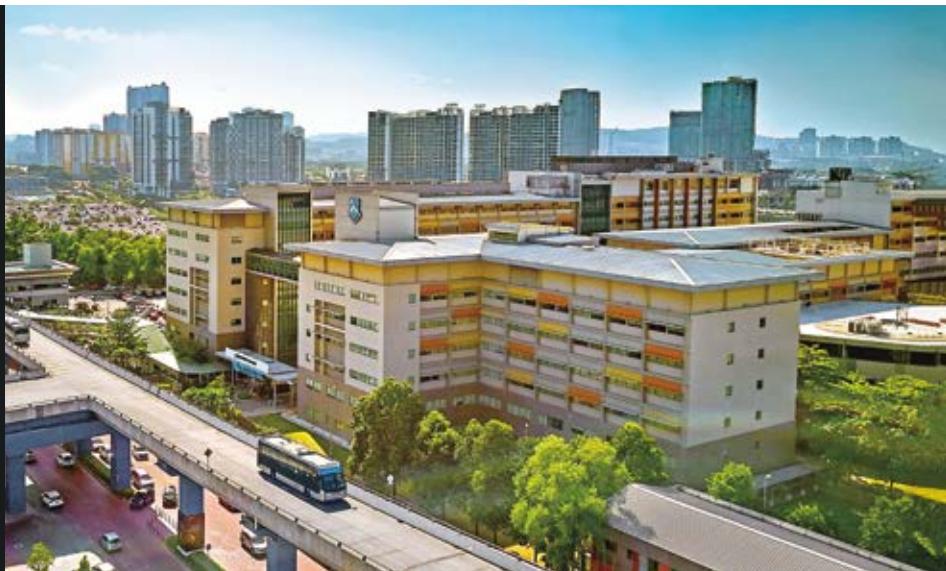
WHO WE ARE

We are Monash's third largest campus and the first foreign university campus in Malaysia.

Our students have access to the same resources as their peers in Australia, benefit from the same global connections, and receive the same prestigious degree – all at a university closer to home.



**SCAN TO TAKE
A VIRTUAL TOUR
OF OUR CAMPUS**



PATHWAYS

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Brand like a Boss: A Crash Course on Personal Branding	N/A	<input type="checkbox"/>	1.5 hours	60		
Want to stand out and make an impact? Students will explore key strategies to build a personal brand, learning to craft a unique identity, communicate their value, and gain tools to market themselves with confidence.						
Legends of Language: A Communication Quest	N/A	<input type="checkbox"/>	1.5 hours	60		
In this RPG-inspired workshop, students become the heroes of their own communication journey. Through fun challenges, group quests, and puzzle solving, they will unlock the secrets of clear speaking, active listening, comprehension, and confident expression.						
The Great Profit Heist: A Mathematical Mystery	N/A	<input type="checkbox"/>	1.5 hours	60		
A fortune has vanished, and only sharp minds can crack the case! In this hands-on, immersive workshop, students will become a math detective, following clues, analysing patterns, and solving puzzles using applied mathematics to solve problems and track down the missing profit.						

ARTS AND SOCIAL SCIENCES

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
The Arts Toolbox	<input type="checkbox"/>	<input type="checkbox"/>	1–1.5 hours	100	Marker pens and mahjong paper	Classroom with projector
Build critical thinking, self-reflection, and idea exchange. Students will analyse a cultural item or text (such as a movie trailer, an iconic picture, or a meme) from the perspectives of communication and media; film, television, and screen studies; gender studies; global studies; strategic public relations; and writing.						
This experience highlights how arts and social sciences inspires us to think outside the box and develop new insights into what makes us human.						
Confronting World Challenges: Introduction to Global Studies	<input type="checkbox"/>	<input type="checkbox"/>	1 hour	50		Classroom with projector
Working in groups and building on their existing knowledge, students will identify contemporary global challenges, including climate change, environmental degradation, inequality and migration. They will then examine the conflicting facets of globalisation and discuss the winners and losers of the interconnected world. The session will conclude with a group debate or a class quiz to leave students with a more nuanced understanding of contemporary global issues.						

BUSINESS

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Creating Wealth from the Stock Market	N/A	<input type="checkbox"/>	1 hour	25		
This workshop introduces students to stock/share investment wealth creation. They will learn strategies to effectively invest in the stock market using price earnings and dividend yield ratios. By the end of the session, participants will be able to allocate capital to maximise return and minimise risk in the stock market.						
Economics in Action: Exploring Human Behavior Through Experiments	N/A	<input type="checkbox"/>	1 hour	29		
Explore behavioural economics in Monash's new experimental lab. Students will take part in interactive field and computer experiments, gaining hands-on insights into how researchers analyse real-world decision-making to deepen our understanding of human behaviour.						

BUSINESS

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
How to Brand a Product or Service This interactive workshop will introduce students to an important source of competitive advantage: branding. Students will learn why branding is important for both the marketers and the consumers, and be exposed to the key elements that need to be taken into consideration when naming a product. They will then be given a chance to create and explain a brand name and its meaning for a given product/service.	<input type="checkbox"/>	<input type="checkbox"/>	1.5 hours	40	Mahjong paper, pencils, erasers and coloured marker pens	Classroom
Justice in Business Today: Tackling Modern Slavery Through Sustainable Supply Chains This workshop immerses participants in an interactive learning journey that critically examines the intersection of business, ethics, and human rights. Participants will work in groups to explore the challenges of modern slavery in supply chains, apply their insights to a practical case study, and design a poster that illustrates innovative, ethical, and sustainable solutions for responsible business practices.	N/A	<input type="checkbox"/>	1.5 hours	50		
Me or US Participants will delve into the world of economics by exploring the renowned concept of the Prisoner's Dilemma. Through interactive activities and discussions, they will gain insights into the delicate balance between cooperation and self-interest, a fundamental aspect of economic decision-making.	N/A	<input type="checkbox"/>	1 hour	24		
Monash Scavenger Hunt Students will be given a list of items to look for and activities to complete around campus. They will practice problem-solving in a tangible and fun way and familiarise themselves with Monash.	N/A	<input type="checkbox"/>	40 minutes	30		
'Packaging' – The Silent Salesman Packaging is a powerful marketing tool. It shapes brand identity, capturing attention, and influencing consumer expectations. With only three seconds to stand out, design matters. In this interactive workshop, students will create packaging for a product while exploring how design elements add value and impact consumer choice.	<input type="checkbox"/>	<input type="checkbox"/>	1.5 hours	40	Mahjong paper, pencils, erasers, coloured marker pens and colour pencils	Classroom
Puzzle Trouble Develop communication and teamwork skills in this hands-on activity.	<input type="checkbox"/>	<input type="checkbox"/>	1.5 hours	40	Mahjong paper, sticky notes and coloured marker pens	Classroom
The Fintech Revolution This workshop explores how fintech is reshaping the global financial landscape, transforming traditional services in payments, lending, investment, and insurance through AI, blockchain, and mobile tech. Students will gain insights into its opportunities, challenges, and impact on the future of finance.	<input type="checkbox"/>	<input type="checkbox"/>	1.5 hours	40	N/A	Classroom
Who is Eggcited? This workshop immerses students in some components of marketing strategy and being in a company. The context is to promote the egg at different price levels and present it to potential customers. Students will learn about product values and pricing strategy and have some fun with the hands-on activity of designing an advertisement.	N/A	<input type="checkbox"/>	1.5 hours	30		

ENGINEERING

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Algae Bioengineering Visualise the carbon capture activity of algae beads and examine the microalgae cells using a fluorescence microscope.	N/A	<input type="checkbox"/>	1–2 hours	30		
BIM model and VR Walkthrough In this immersive experience, students will virtually explore a building before construction begins. This technology helps stakeholders visualise and validate design choices, and see a realistic preview of the final product.	<input type="checkbox"/>	<input type="checkbox"/>	1 hour	TBC		Classroom
Binary Coded Decimal to 7-Segment Decoder Get hands-on with this introductory workshop on electronic circuits. Students will be guided to build a decoder circuit on a breadboard that will allow the display of a 1-bit binary number in decimal on a 7-segment LED display. The decoder circuit will implement the required combinational logic using a NOT logic gate available in the form of an integrated circuit.	<input type="checkbox"/> (Jun, Nov or Dec, six-week advance notification required)	<input type="checkbox"/>	2 hours	40	Computer with projector	Classroom
Biodiesel Production Learn about sustainable biofuel production from vegetable oil at Monash's pilot plant, which is used to produce biodiesel from waste oil. Students will observe the process in the glass reactor, and tour the lab's analytical instruments used to evaluate the quality of fuel produced.	N/A	<input type="checkbox"/>	1 hour	15		
Bioprocessing of Recombinant Proteins Explore how engineers operate the key instruments and analytical tools used in the bioproduction of valuable chemicals and compounds via recombinant technology.	N/A	<input type="checkbox"/>	1 hour	10		
Chemical Engineering Car (Chem-E Car) Chem-E Car is a shoe box-sized car, which is powered and stopped by chemical reactions. Students will observe how Chem-E cars carry a certain load of water for a specified distance, hit a golf ball into a goal post or a set of bowling pins and stop autonomously.	<input type="checkbox"/> (Six-week advance notification required)	<input type="checkbox"/>	1–1.5 hours	40	Chemicals, lab utensils, track for shoe-box sized car	Classroom
Civil Engineering Futures Discover innovative solutions in construction materials, systems, and technologies that will be disrupting and shaping the civil engineering, the oldest engineering discipline, in the coming decades.	N/A	<input type="checkbox"/>	1.5 hours	25		
Computer Aided Design Learn basic computer aided design skills with Solidworks software, and design a key chain that can be 3D printed.	N/A	<input type="checkbox"/>	1.5 hours	40		
FiltVRation Gain a basic understanding of wastewater filtration using conventional sand filters through hands-on experiments. Students will construct a sand filter bed, observe the filtration process using a model filter bed, and take a virtual reality (VR) tour of a typical wastewater treatment facility.	N/A	<input type="checkbox"/>	1 hour	18		
Gait Lab Challenge Explore technologies that are used to study and analyse human motion and posture.	N/A	<input type="checkbox"/>	1 hour	20		
Hydrogen Production from Water Splitting Watch how water is split into hydrogen and oxygen under light irradiation. Students will learn all about the new technology that can produce hydrogen, a clean fuel, directly from water.	N/A	<input type="checkbox"/>	1 hour	10		

ENGINEERING

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Intelligent Soft Robots Design	N/A	<input type="checkbox"/>	2 hours	40		
What do mechanical engineers do and in which industries are they most in demand? Students will be introduced to mechanical engineering and guided to design an intelligent soft robot. They will also experience a series of laboratory exercises and workshops that a typical engineering undergraduate at Monash would encounter.						
Marimo Ecoriums	N/A	<input type="checkbox"/>	1–2 hours	30		
Discover the ecological benefits of green algae spheres (Marimo moss balls) and learn to creatively build Marimo ecoriums. Students will also be taught to maintain and care for the moss balls.						
Materials Science and Engineering	N/A	<input type="checkbox"/>	1–2 hours	20		
Delve into the exciting field of materials science and engineering. Students will learn how materials meet their daily needs, and how its properties affect our quality of life.						
Miniature Marvels: Renewable Fuel-Powered Engines	<input type="checkbox"/>	<input type="checkbox"/>	2 hours	40	Demo mini jet engine, demo mini engine, 8x mini engines, 8x Allen keys, computer with projector	Classroom
Students will work collaboratively to disassemble and reassemble a mini engine, learning about the functions of each component and how they interact within the engine's operating system. They will also experiment with a demonstration mini jet engine and a mini engine model, gaining firsthand experience with different engine types and their applications.						
Monash-Constructionarium	N/A	<input type="checkbox"/>	1.5 hours	25		
Discover the future tenets of the construction industry through hands-on laboratory, practice, and modelling exercises. The session may cover one or more sub-specialisations in civil engineering, such as structures and materials, geotechnical engineering, water and environmental engineering, traffic and transportation engineering, and construction management.						
One Man's Magic is Another Man's Engineering	<input type="checkbox"/> (Feb to Nov, six-week advance notification required)	N/A	1–1.5 hours	Unlimited	Computer with projector and a flip chart	Lecture theatre or classroom
This workshop introduces the different fields in engineering and highlights the impact of engineering on the future.						
Reactor Design Workshop	N/A	<input type="checkbox"/>	1–2 hours	30		
Students will fabricate a mini floating photobioreactor using acrylic plates, with a focus on its floating capability and mixing performance. They will have the freedom to design the internal structure by orienting the baffles in various ways.						
Servo Control Challenge	N/A	<input type="checkbox"/>	1 hour	30		
This hands-on workshop guides students to tune the performance of a motor (a simple, yet important device that is used in almost all engineering systems such as robots, and aircraft), to achieve performances that can prevent collisions and motion sickness.						
Superhydrophobic Water Repellent Coating	N/A	<input type="checkbox"/>	1 hour	10		
This session demonstrates how simple hydrophobic nano-coating can be fabricated and its waterproofing effect. Students will observe how nanotechnology can be applied to change the characteristics of surfaces, enabling engineers to design and functionalise material properties accordingly.						
Virtual Chemical Plant Tour	N/A	<input type="checkbox"/>	1–2 hours	15		
Visit a chemical engineering process plant virtually and learn general safety skills in the process plant.						
Wind-Powered Robot	<input type="checkbox"/>	<input type="checkbox"/>	1 hour	40	N/A	Classroom with tables for groups of 8
In this workshop, students will work in groups to assemble a mechanical robot that moves using wind power.						

INFORMATION TECHNOLOGY

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Basics of Programming (with Drones) This is a fun introduction to the basics of programming for beginners and amateurs. Students will learn how to program a drone to take flight.	N/A	<input type="checkbox"/>	2 hours	30		
Beyond Reality: The Art and Science of Deepfakes Learn more about deepfakes, its application and how the coding works.	N/A	<input type="checkbox"/>	1.5 hours	TBC	Participants are encouraged to bring a laptop.	
Data analytics with Python This comprehensive tutorial will teach students the techniques and methodologies required for the analysis of datasets and the construction of statistical machine learning models. They will learn to use Python to extract insights from data and apply machine learning algorithms to real-world problems.	N/A	<input type="checkbox"/>	1 hour	TBC		
Exploring Record Keeping and Databases Explore SQL and relational database strengths in this engaging workshop. Students will create their own set of records using SQL and run queries to fetch data.	N/A	<input type="checkbox"/>	1 hour	TBC		
Survive the Maze: Intro to Java Game Programming Sharpen coding skills through fun, hands-on game development. Students will build a rogue-like Infinite Maze Game in Java while learning basic programming concepts such as loops, arrays, and object-oriented design. Starting with simple player movement, they'll add treasures, traps, enemies, and bosses to create a fully playable text-based adventure.	N/A	<input type="checkbox"/>	1 hour	30	Participants are encouraged to bring a laptop.	
The Future of IT Explore the current developments and emerging fields in computer science/information technology. Students will also learn about the impact of computer science on our lives and the future.	<input type="checkbox"/> (Feb to Nov, six-week advance notification required)	N/A	1–1.5 hours	Unlimited	Computer with projector and a flip chart	Lecture theatre or classroom
Understanding AI and its Application This workshop is designed to introduce students to the fundamentals of Artificial Intelligence (AI) through engaging activities and practical exercises. They will gain a solid understanding of AI concepts, learn about data sorting and explore how AI makes decisions.	<input type="checkbox"/> (Feb to Nov, six-week advance notification required)	N/A	1.5 hours	Unlimited	Computer with projector	Classroom
Virtual Horizons: Exploring Computer Science in Virtual Reality Create Virtual Reality (VR) scenes with 3D objects without writing code. Students will learn to design interactive 3D scenes and explore the fundamentals of the Three.js editor for immersive applications.	N/A	<input type="checkbox"/>	1 hour	20		
Why is Computer Science and Software Engineering Important? What's the difference between a degree in computer science and a degree in software engineering? Students will learn more about each field's career prospects and emerging areas for a better understanding of the future's exciting professions.	<input type="checkbox"/> (Feb to Nov, six-week advance notification required)	N/A	1–1.5 hours	Unlimited	Computer with projector and a flip chart	Lecture theatre or classroom

MEDICINE AND HEALTH SCIENCES

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Introduction to Medicine at Monash	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	40 minutes	100	Computer with projector	Classroom
With a comprehensive and interdisciplinary approach to medical training, Monash's Bachelor of Medical Science and Doctor of Medicine equips aspiring healthcare professionals with the necessary knowledge, skills and attributes. Learn more about this course through an interactive and informative talk with academic staff from the School of Medicine.	<input type="checkbox"/> Virtual					
Clinical Skills	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1 hour	50	TBC	Classroom
This interactive workshop introduces students to basic clinical skills and can be held either at your school or at the Monash campus. At our campus, students will take part in activities such as checking vital signs, performing urinalysis, giving injections, and role play. If hosted at your school, activities will include checking vital signs, conducting hearing and colour blindness tests, and role play.						
MAPEL Lab	N/A	<input type="checkbox"/> (one-month advance notification required)	1 hour	50		
Get an introduction to the core concepts of the anatomical basis for disease. Through short interactive worksheets and quizzes, students will put their understanding of human anatomy to the test. This workshop will use our pioneering multi-touch smart tables, specimen models, ultrasound machines, and AR and VR resources at the Medical Anatomy and Pathology E-Learning Laboratory.						
Nutrition at Monash	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	40 minutes	100	Computer with projector	Classroom
Learn more about human nutrition and how nutritionists can help the public to achieve their optimum health, lifestyle, and wellbeing through evidence-based nutritional guidelines.						
Nutrition Workshop	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1 hour	50		Classroom
This interactive workshop will teach students basic knowledge and skills about the food pyramid, healthy plate, food labels, body composition, and more.						

PSYCHOLOGY

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Among Us... in Psychology	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1.5 hours	100	Comfortable spacing for group activity	Classroom
Students will explore the basics of human personality, then work in groups to investigate and apply these concepts through a fun, interactive role play.						
Careers in Psychology	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1.5 hours	100	Computer with projector and mobile phone with internet access	Classroom
Get an overview of current careers in psychology, and the possible education pathways that can lead students there.						
From the Psychotherapist's Couch	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1.5 hours	100	Computer with projector and mobile phone with internet access	Classroom
Get a glimpse into what it is like to train and practice as a psychotherapist. Students will take a quiz on psychotherapy facts vs myths, learn about what counsellors do and how they are trained, go through case studies of how people have benefitted from psychotherapy, and example profiles on how to pick your psychotherapist.						
Stress Management	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1.5 hours	100	Computer with projector and mobile phone with internet access	Classroom
Understand stress and develop ways to manage it.						
Unlock (Identify) your Superpower (Personality)	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1.5 hours	100	Computer with projector and mobile phone with internet access	Classroom
Discover your personality traits and put them to the test in a role play with survival-themed scenarios.						

PHARMACY

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Be a Drug Hero Is it a drug or is it a Pokémon? Students will be guided to identify various drugs and their uses, and how to read the important information on prescription labels.	N/A	<input type="checkbox"/> (one-month advance notification required)	1 hour	60		
Crystal Aspirin Observe the crystallisation process of aspirin caused by solubility differences in hot and cold water.	N/A	<input type="checkbox"/> (one-month advance notification required)	45–60 minutes	30		
Fast and Furious Use different methods and tools to count tablets, competing to complete the task in the shortest amount of time.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	45 minutes	50	Triangle counting tray, round tablets, weighing boat and spatula	Classroom
Hand Soap Preparation Students will learn to make hand soap from raw materials.	N/A	<input type="checkbox"/> (one-month advance notification required)	45 minutes	50		
Let's Make Cream Prepare a pharmaceutical cream from an aqueous cream, and finish it with a scent of choice. Students will also learn the components of a pharmaceutical label and create a label for their cream.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	30 minutes	50	Aqueous cream, essential oil, palette spatula, tile, sticker label and plastic container	Lab
Sugar Crush Understand the roles of pharmacists in diabetes management to improve patient outcomes. Students will learn patient care skills within the four primary areas of diabetes care including medication, meal planning, motion and monitoring.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1 hour	30	Pill counting tray, sugar pills (candy), pill bottle, BP machine and glucometer	Classroom
Suspension Preparation Unlike syrup, a suspension is a drug mixture where the drug particles are not fully dissolved. Using candy tablets and syrup, students will be guided to prepare a suspension of their own.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	30 minutes	50	Mortar and pestle, bottle, tablet and syrup	Lab
The Pharma Playbook Be a pharmacist for a day with Monash's award-winning MyDispense simulations, medicine labelling, and patient interaction role-play. Students will explore safe medicine use, patient care, and innovative technology in this hands-on workshop.	N/A	<input type="checkbox"/> (one-month advance notification required)	30–45 minutes	40		
Unravelling the Miraculous Power of Tea What are antioxidants and free radicals? How can we measure or estimate the strength of antioxidative properties in our food and drink? Delve into the world of biopharmaceuticals in this informative workshop.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	2 hours	30	6x pipettes (200µL) and tip boxes, 10x 96 well plates, 15x Falcon tubes (50mL) and six holders, two boxes of S-sized gloves, one box of M-sized gloves, and five types of teas	Lab

SCIENCE

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Clear as Water: Understanding Water Quality Learn why water quality matters for both ecosystems and human health. Students will get hands-on experience with water quality instruments, interpreting data from different water sources and exploring how human activities impact water conditions.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1 hour	30	Water quality instruments: pH meter, turbidity meter, dissolved oxygen meter, conductivity meter, thermometer, microscope. Water samples: river, tap, lake, and marine.	Lab
Cracking the Code of Life Unlock the science behind our DNA. Students will build simple extraction kits to isolate DNA from fake blood, then analyse gene sequences to explore how genetics influence responses to the diabetes drug metformin.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	2 hours	30	Activity 1 Detergent and Salt NaCl (labelled as extraction liquid), measuring cylinder, filtering funnel, cheesecloth, 50ml tube, rack, isopropanol in a 15ml tube, bamboo skewer, microcentrifuge tube, and a pasteur pipette. Activity 2 Board card and whiteboard pen.	Lab
Fat Extraction How oily are your potato chips? Students will extract and compare the oil content of different potato chips using laboratory techniques and solvents. They will explore the science of fats and oils while learning what's in their favourite snacks.	N/A	<input type="checkbox"/> (one-month advance notification required)	2 hours	40		
Fruit for Thought: How Swab Tests Work Step into the shoes of a microbiologist! Students will learn how swab tests work by extracting DNA from fruit, learning the basics of qPCR, designing test kits, and analysing results.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	2 hours	40	Kiwi/strawberry/banana, large scissors, 30ml colourless, non-milky shampoo (e.g. Pantene Micellar), ¼ tsp meat tenderiser with Bromelain, ¼ tsp salt, 50ml methylated spirit or 95% ethanol (pre-frozen), 250ml bottled water, zipper bags, measuring spoons (30ml, 80ml), 100ml clear bottle, food containers, teaspoon, coffee sieve, and whiteboard pen.	Lab
Genomics Students will learn how to reconstruct a long DNA sequence from smaller overlapping fragments, then build a simple genetic family tree based on DNA differences. The activity introduces how scientists study genes and explore genetic relationships between individuals.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1 hour	60		Classroom or lab
Globby Gluten Uncover the science behind gluten. Students will extract gluten from different types of flour, compare gluten content, and test how kneading time affects texture and stretch. This activity is not suitable for students with wheat allergies or asthma.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1–2 hours	40	All-purpose flour, bread flour, rice flour, glutinous rice flour, cake flour, corn flour, water (for dough formation), water (slow stream of tap water), spoon, muslin cloth and ruler	Lab
Gyrocopter: Data Discovery with Flights A gyrocopter is an aircraft with a non-powered top rotor. Students will learn to apply the principles of good experimental design to devise a gyrocopter with maximum gliding ability.	N/A	<input type="checkbox"/> (one-month advance notification required)	1.5–2 hours	40		
Kingdom of Stats Master the world of statistics, no computers needed! Using strategy, teamwork, and a bit of luck, students solve challenges with statistical tests, learning to pick the right one while competing for victory.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	2.5 hours	40	N/A	Classroom

SCIENCE

Workshop	Location (please select)		Duration	Maximum pax	Equipment required	Preferred venue
	Your school	Monash				
Learnux: The Ultimate Linux Board Game Learn basic Linux commands the fun way, through a strategy-based board game. In Learnux, players take on missions, use command cards, and navigate challenges on a game board filled with real Linux functions.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	2.5 hours	40		Computer lab or classroom
Microscope Safari: Filter Like a Hero, Analyse Like a Pro! Design and build water filters using materials like sand, charcoal, and cotton. Students will then put their creations to the test by filtering contaminated water and analysing its quality.	N/A	<input type="checkbox"/> (one-month advance notification required)	1–1.5 hours	30		
Photosynthesis: Leaf it to Light! Watch plants 'breathe' in real time! Students observe photosynthesis in action and learn how light powers the process.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1 hour	30	Spinach discs, beakers, fluorescent light, syringe, strainer, water and retort stand	Lab
Pineapple and Papaya Enzymes Explore how fruit enzymes affect gelatin. Students will test the action of protease enzymes found in fresh and processed fruits like pineapple and kiwi. By comparing the gelation of gelatin with different fruit juices, students observe how enzymes break down proteins and the impact of food processing on enzyme activity.	<input type="checkbox"/> (one-month advance notification required)	<input type="checkbox"/> (one-month advance notification required)	1–2 hours (flexible)	80	Activity 1 Test tube, 6% gelatin solution, fresh pineapple fruit juice, canned pineapple, frozen pineapple, fresh papaya, frozen papaya, ice and plastic pasteur pipette. Activity 2 Petri dish, 6% gelatin, fresh pineapple fruit juice, canned pineapple, frozen pineapple, fresh papaya, frozen papaya, plastic pasteur pipette, ruler and marker. Activity 3 Test tube, fresh pineapple fruit juice, buffer of pH 1 HCl, pH 3.5, pH 5, pH 7, pH 14 NaOH, 6% gelatin cubes and balance.	Lab
Polymer Synthesis Mix, stretch, and mold your way through the science of polymers! Students will make nylon, slime, and agar gel while discovering how tiny molecules create big changes in texture and strength.	N/A	<input type="checkbox"/> (one-month advance notification required)	2 hours	40		
Sweet as Sugar: Taste and Test Discover how your senses shape taste by exploring how smell affects flavour perception. Students will get hands-on experience measuring sugar content with a refractometer, combining sensory science with practical food analysis.	N/A	<input type="checkbox"/> (one-month advance notification required)	1.5 hours	40		
The Science Behind Pop Eggs Thickening and gelling agents give our favourite foods, such as ice cream and jellies, their familiar textures that we know and love. Students will explore the science of polymers and gels by making colourful gel beads.	N/A	<input type="checkbox"/> (one-month advance notification required)	1 hour	40		

CONTACT US

Business hours

Monday to Friday 9.00am – 5.00pm

Counselling hours for course enquiries

Monday to Friday 9.00am – 5.00pm

Closed on weekends and public holidays.

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