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STEM CLUB

INFORMATION PACK

Woodside Energy

STEM Club is an 8-week after-school program that empowers students to lead collaborative, hands-on STEM projects. Delivered by Scitech at your school, STEM Club brings all the equipment, resources, and expert facilitators for an unforgettable learning experience for students in Years 4-6, and best of all it's completely free thanks to the generous support of Woodside Energy.

From hydraulics and flight to animatronics and robotics, STEM Club gives students the freedom to design, build, and experiment with projects that reflect their creativity and curiosity. Participants work collaboratively in a safe, supportive environment where mistakes are part of the process and imagination sets the limits. They'll tackle real-world challenges, share ideas, and refine their designs through teamwork and problem-solving – developing resilience and 21st-century skills along the way.

Each session includes a healthy afternoon tea to recharge, with the program culminating in a showcase event where families celebrate students' achievements. With priority given to schools with lower ICSEA and NAPLAN scores, STEM Club ensures every child has the chance to shine and discover the exciting world of STEM.

WHY CHOOSE STEM CLUB?

Hands-on Learning
Interactive projects that make STEM fun

All Resources Provided
We bring everything to your school, including afternoon tea

Flexible Delivery
Tailored to your students' skills and interests

Proven Impact
Teachers rate STEM Club 4.9 out of 5 stars

Completely Free
Thanks to Woodside's support

"STEM Club was great for giving students who don't always perform well in class a chance to shine."

"Provided opportunity for students to learn new things, collaborate and apply newly acquired learning in a safe and fun environment."

Ready to inspire the next generation of innovators? Submit your Expression of Interest today and secure your school's place in this exciting program!

PROGRAM MODULES

Participating schools can choose one from four engaging modules, offered across two content streams:

TINKER AND CREATE

Create, test and refine to bring new concepts to life.

Get Pumped

Hydraulics are integral to some of the most complex machinery around us, from excavators to elevators. Explore the principles of hydraulics and apply this knowledge to design and build a hydraulic mechanism.

Motion and Energy

How we transport ourselves and cargo around the world is a key part of the modern world. Get to grips with the physics of flight, and experiment with differing glider designs before shifting gears and going full throttle into designing and building a potential energy powered vehicle.

ROBOTICS AND TECHNOLOGY

Learning the fundamentals of coding can be a stepping stone to some amazing outcomes.

Animatronics

Not just for theme parks, animatronics are a complex blend of structural engineering and robotics. Learn the basics of coding, applying these skills with a touch of creativity to design, code and engineer a unique animatronic sculpture.

mBots Coding

As robots and automated systems become increasingly common in our lives, understanding the core principles of robotics becomes a necessity. Explore robotics and programming using the versatile mBot platform and intuitive block-based coding. Progress from basic programming to designing and implementing a robot challenge.

FURTHER DETAILS

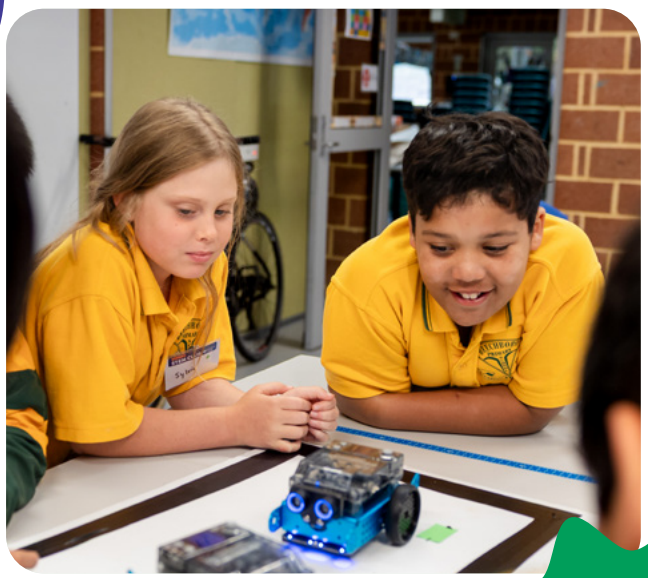
STEM Club can accommodate up to 20 students in Years 4-6. Clubs run for 8 weeks during the school term, with each session running for 60 minutes per week.

To help students and teachers recharge after a full day, each session includes a complimentary afternoon tea featuring fruit and snacks. Scitech can accommodate allergy and dietary requirements, so please ensure any relevant food information is communicated in advance.

SCHOOL REQUIREMENTS

We bring all the resources and know-how, but we require that schools provide the following to ensure a successful STEM Club experience:

- A teacher for all sessions to provide duty of care, assist with behaviour management, and to support students in their projects.
- A room with access to power and a projector or smartboard, and storage space for program materials and student projects throughout the program.
- Every reasonable effort to ensure a minimum average attendance of 15 participants.



WHAT HAPPENS IN A SESSION?

A Scitech facilitator will arrive at the school one hour before the scheduled session to sign-in and set up equipment. They will lead the session, guiding students through activities and providing all necessary materials. A teacher will be required to assist with behaviour management if needed, and are welcome and encouraged to assist students in their projects.

After the session ends, the facilitator will require approximately one hour to clean up and pack away equipment before leaving the school.

Each participant will receive a workbook and name badge, and a certificate at the conclusion of the program.

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Visit **scitech.org.au** to express your interest in bringing **STEM Club** to your school in 2026.

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GOVERNMENT OF WESTERN AUSTRALIA