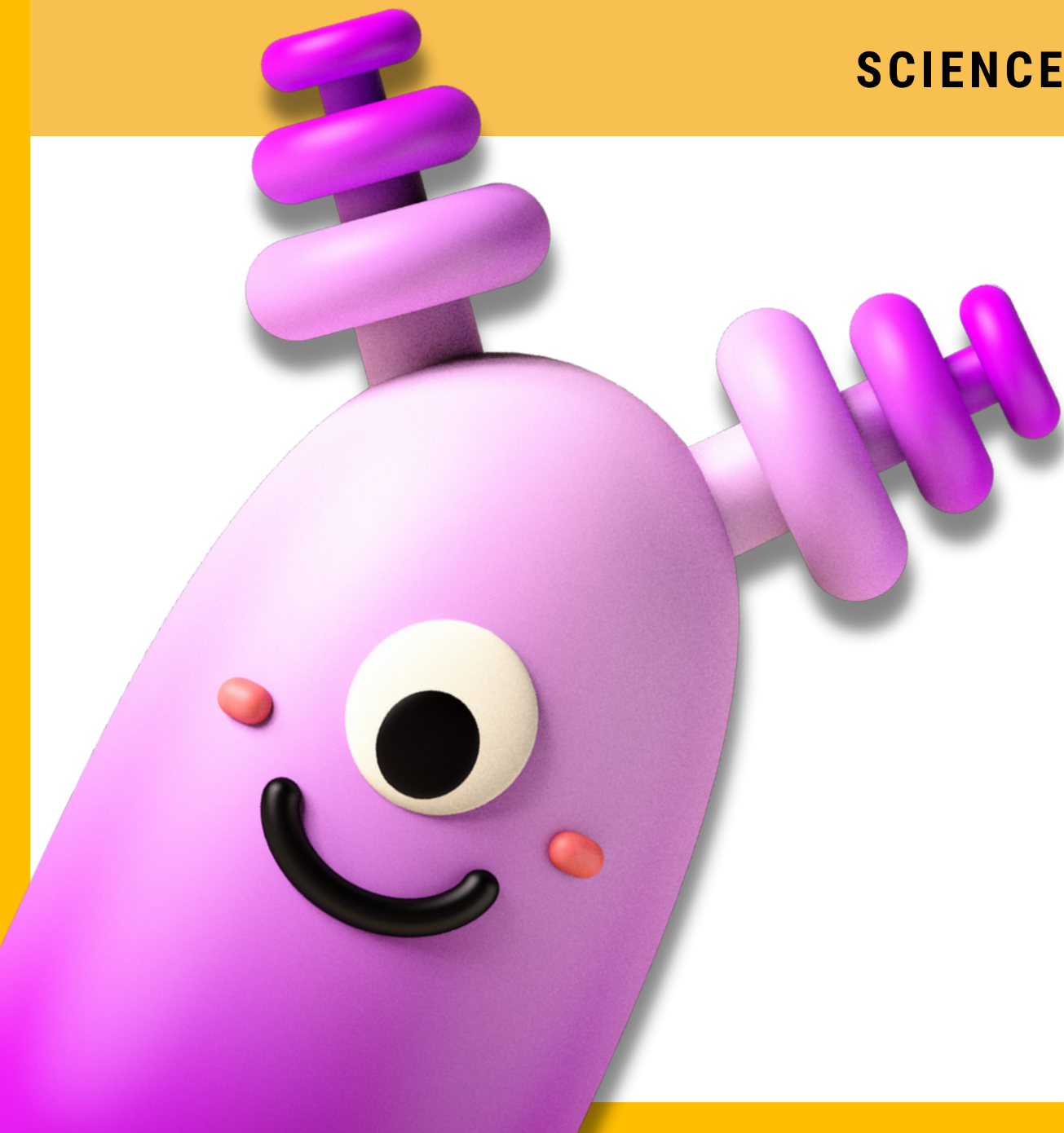


STEAM POWERED KIDS AUSTRALIA

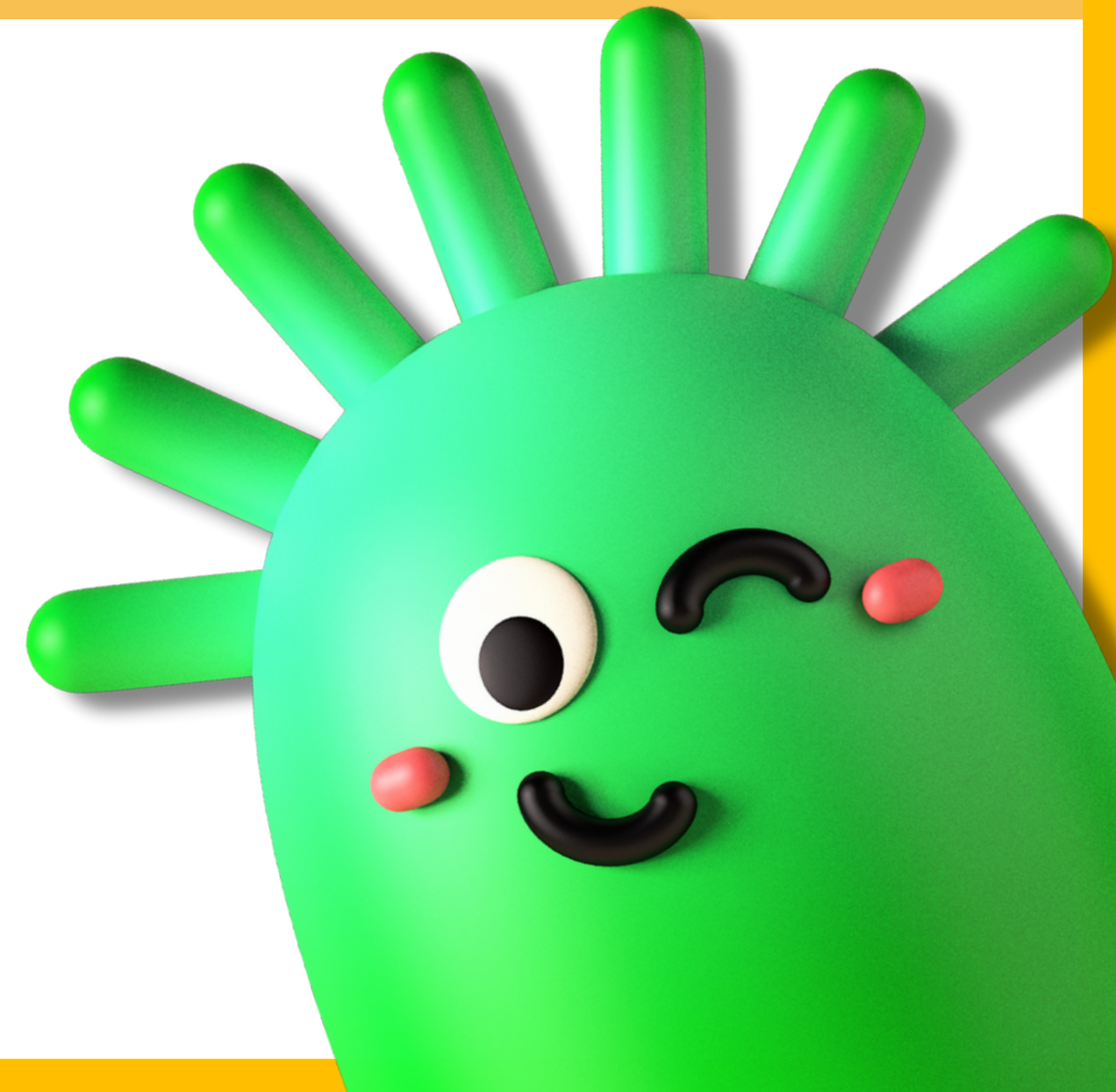
KINDERGARTEN STEM CLUB

PROGRAM INFORMATION

SCIENCE.TECHNOLOGY.ENGINEERING.ART.MATHEMATICS



LEARN. CREATE.PLAY



WHO ARE WE

ABOUT US

STEAM Powered Kids is a Gold Coast-based Private company that provides high-quality STEM education programs for students 3-17 years of age. The company has successfully developed and delivered several programs over the past three years, including workshops, school incursions, and afterschool activities. STEAM Powered Kids offers a range

Our company is on a mission to close the gap between STEM-based and non-STEM-based professions both in Australia and worldwide. Part of our mission is also to close the gender gap in STEM field interests.

Our ultimate goal is to motivate, encourage, educate and mentor as many young children and give them the knowledge and understanding of STEM concepts and help them apply the knowledge to create practical solutions to local and global problems.

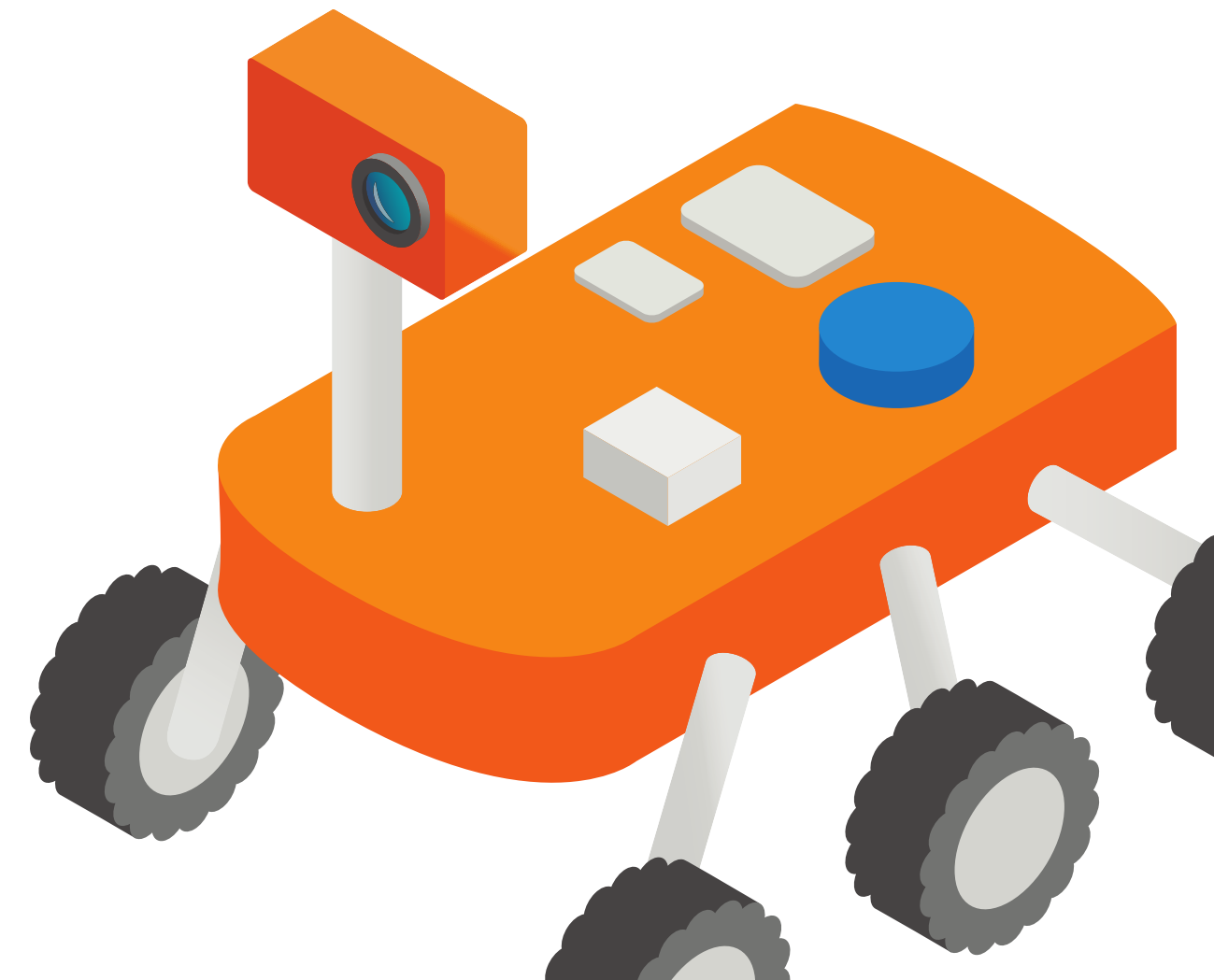
OUR EDUCATORS/FACILITATORS

All our staff are experienced, tertiary qualified educators and STEM professionals. We are passionate about STEM education and aim to provide the highest quality programming and delivery to students.

CONTACT DETAILS

Email: contact@steampoweredkids.com.au

Phone: +61 438769928



PROGRAM OUTLINE

The program is developed as a series of themed activities that combine both Science and Technology. It covers themed science labs as well as progressive robotics and coding labs for children. Each term children participate in several fun and engaging activities that will reinforce the main STEM concepts from each theme.

PROGRAM BENEFITS

Science offers children an understanding of the world around them. When they participate in science and technology activities, it nurtures their curiosity. Introducing children to science at a young age assists in their brain development. Even toddlers can do science experiments!!

PROGRAM OUTCOMES

CHILDREN HAVE A STRONG SENSE OF IDENTITY

CHILDREN ARE CONNECTED WITH AND CONTRIBUTE TO THEIR WORLD

CHILDREN HAVE A STRONG SENSE OF WELLBEING

CHILDREN ARE CONFIDENT AND INVOLVED LEARNERS

CHILDREN ARE EFFECTIVE COMMUNICATORS

LEARNING ROAD MAP

The program is developed for children to progress through in 10 classes per term. Each block has a series of Robotics and Coding labs as well as hands-on science labs. Ages 4-8

BLOCK 1

Weekly 40 min labs

5 Robotics and Coding Labs

5 Science Labs

Level 1- Achievement

On-site Staff Member

(up to 30 children)

Koala Badge



BLOCK 2

Weekly 40 min labs

5 Robotics and Coding Labs

5 Science Labs

Level 2A- Achievement

On-site Staff Member

(up to 30 children)

Kangaroo Badge



BLOCK 3

Weekly 40 min labs

5 Robotics and Coding Labs

5 Science Labs

Level 2B- Achievement

On-site Staff Member

(up to 30 children)

Quokka Badge



BLOCK 4

Weekly 40 min labs

5 Robotics and Coding Labs

5 Science Labs

Level 3- Achievement

On-site Staff Member

(up to 30 children)

Wombat Badge

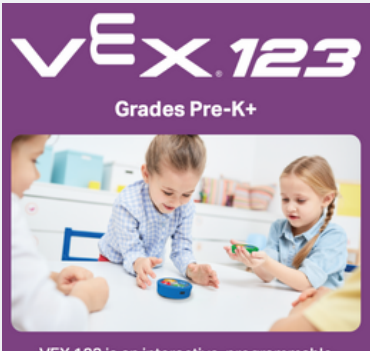





Children achieve a certificate of completion after each block is completed

PROGRAM DETAILS

ROBOTICS LABS/LESSONS

Our Robotics and Coding lessons use a combination of VEX robotics and other screen-free platforms to provide great robotics and coding curriculum that will ensure a continuum from Kindergarten through to University. The program is a fully supported hands-on program that encourages students to pursue STEM field careers in the future.

				
Grade	Kindy+	3+	6+	9+
Levels	3	2	1	1
Coding	Screen free	Vex Code	Vex Code, Python	Python, C++
Subjects	Coding, literacy, social emotional development, math	Coding, engineering, math, science	Sensors, coding engineering	Art coding, engineering, math, science



Children learn robotics and coding without a computer.

Using the VEX Coder and physical cards, you can learn real programming away from screens.

PROGRAM DETAILS

THEMED SCIENCE LABS/LESSONS

Each term the program provides fun Science, Mathematics and Engineering themed labs for children. Each lab is carefully designed by professional teachers to provide the best experience for young children.



Wonderful Water



Planet Earth



Micro Villains and Heroes



Dinosaurs & More



The Animal Kingdom



The Human Body



Space Race



Mini Engineers



Fun with Flight



Super Slime

Hands on science labs covering a wide range of STEM topics

Contact Us

Please reach out if you
have any questions .



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Consultation Hours

9AM -6PM

Website

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