



# 2022 SEPTEMBER SCHOOL HOLIDAYS YOUTH TECHNOLOGY CAMP

## LEARN. CREATE. PLAY

Our popular Youth Technology Camps are a 2-day event where students aged 8-16 learn about emerging technologies, investigate and research special STEM topics, participate in engineering design challenges, and more. Students have to use their critical thinking, problem-solving, and teamwork skills to participate in various fun and interactive activities.

This is the perfect opportunity for your child to get ready for future opportunities and becoming an early adopter of emerging technology and Maker culture!

### DAY 1

Introduction to Biomedical Science  
[Human Anatomy Activity](#)

Math made Magic  
[Fun Math Puzzles and Challenges](#)

### DAY 2

AI Experiments with Arduino  
[Introduction to Arduino  
Colour Sorter/Control objects like a Jedi  
Coding Project](#)  
[Cyber Security- Cryptography](#)

\*\*BYO Device - Laptop, mouse, and charging cable

Robina Community Center - 20th -21st September 2022  
Ages - 8-16, 9am - 3pm

[WWW.STEAMPOWEREDKIDS.COM.AU](http://WWW.STEAMPOWEREDKIDS.COM.AU)





## PARENT INFORMATION

We have 2 fun days planned for your children. The main aim of our camp is to encourage children to increase their confidence and inspire them to pursue STEM field subjects and careers in the future. Using practical applications, fun games and challenges we will explore several areas of STEM.

\*\*For groups activities children will assemble into their appropriate age groups and abilities.

\*\*STEM is an acronym for Science, Technology, Engineering and Mathematics

### WHAT TO BRING

- Food for morning tea, lunch and afternoon tea.
- Well stocked pencil case
- Own laptop, (if you do not have one, please let us know in an email)
- Free wifi can be accessed through Robina Library

### REGISTRATION AND PICKUP

- Parents to drop their children off at the venue.
- Please notify our facilitators if your children have special requirements
- Parents **MUST** sign the children in and out of the room.

### CHILDREN WITH SEVERE ALLERGIES

STEAM POWERED KIDS staff are unable to dispense medication, except in the case of an emergency. If your child is anaphylactic and has had an EpiPen prescribed, an in-date EpiPen must be brought to the program. We are unable to admit a child who comes without this medication.

Robina Community Center - 20th -21st September 2022  
Ages - 8-16, 9am - 3pm

[WWW.STEAMPOWEREDKIDS.COM.AU](http://WWW.STEAMPOWEREDKIDS.COM.AU)

