

# AFTER SCHOOL PROGRAMS

by BRICKS 4 KIDZ®



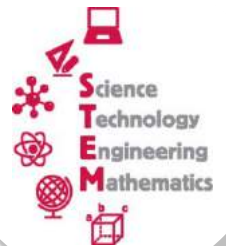
Designed and created by teachers, architects and engineering professionals, the After School curriculum by **BRICKS 4 KIDZ®** introduces students to **concepts of engineering, coding, architecture and mechanics** using **LEGO®**!

Lessons integrated and discussed using themes such as *Space, Laws of Motion, Inventions, Coding and Robotics* and more to provide variety and ensure a high level of interest and enthusiasm amongst our students!



## IMAGINE – CREATE – INSPIRE!

- ★ Available After School in Schools
- ★ LEGO® Robotics with Coding available in some locations!
- ★ Weekly classes for entire term
- ★ Time for collaboration and time for play!
- ★ Develop appreciation of *How Things Work*
- ★ Creative & Inspiring Themes



Give us a  
**SHOUT!**



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### DESCRIPTION

- ▶ A hands-on After School program where students build machines, buildings, vehicles and other structures out of **LEGO®**, using one-of-a-kind model plans designed by **BRICKS 4 KIDZ®**
- ▶ Each workshop begins with a discussion related to the model of the day. Students build a new project each week, using **LEGO®** Technics components such as gears, axles and beams
- ▶ Programs involving Robotics will use **LEGO® WeDo®** to provide a fun, intuitive and easy introduction into the world of coding and robotics!
- ▶ Once the weekly project is complete, children use the rest of their time to modify their model builds and collaborate with one another



### CURRICULUM AND INSTRUCTIONAL CONTENT

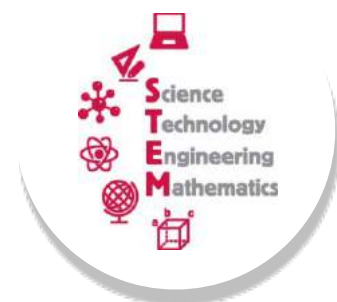
- ▶ Instructional content is multi-disciplinary and designed by educators to increase the student's general knowledge and introduce **STEM** (Science, Technology, Engineering and Maths) concepts related to the day's model
- ▶ Lessons are designed around students' interests, with themes such as animals, space, inventions, transportation and sports. The material covered in each session will vary depending upon students' age, experience, and skill level
- ▶ All materials are provided by **BRICKS 4 KIDZ®**

### BENEFITS

- ▶ When lessons are related to something students enjoy, such as building with **LEGO®**, students are motivated and retain more of what they learn
- ▶ Working with a partner fosters teamwork, cooperation and problem-solving skills
- ▶ Completing a new challenge each week builds self-esteem
- ▶ Students already know how to build with **LEGO®**, however with a little coaching, they can learn about engineering, architecture, physics, and math using specialised components

### DURATION / FREQUENCY / COST

- ▶ Classes meet one hour per week for the term and each session is competitively priced per student – contact your local **BRICKS 4 KIDZ®** to discuss!



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