

LEGO Robotics @ AVE MARIA CATHOLIC ACADEMY

Every Thursday: 2:45 - 4:00 PM

Start Date: 01/26/2017

End Date: 04/06/2017



Contact Bricks 4 Kidz at:
(718) 300-7305 or (917) 288-4158
E-mail: avarma@bricks4kidz.com

DESCRIPTION:

- ⦿ This is a hands-on class where students build machines, buildings, vehicles and other structures out of LEGO® Bricks, using one-of-a-kind model plans designed by Bricks 4 Kidz®.
- ⦿ Each class begins with a teacher-led discussion related to the model of the day.
- ⦿ Students build a new project each week.
- ⦿ While exploring principles of engineering, architecture, physics and more, students will develop problem solving and critical thinking skills.
- ⦿ Once the project is complete, children use the rest of their time to modify their model builds and collaborate with one another.

CURRICULUM & INSTRUCTIONAL CONTENT:

- ⦿ Students will work in a lab-type setting using LEGO® components such as gears, axles and beams.
- ⦿ Instructional content is multi-disciplinary and designed by educators to increase the student's general knowledge and introduce S.T.E.M. (science, technology, engineering and math) concepts related to the day's model.
- ⦿ Lessons are designed around students' interests, with themes such as animals, space, transportation and sports.
- ⦿ The material covered in each session will vary depending upon students' age, experience, and skill level.
- ⦿ All materials are provided

GOALS:

- ⦿ To build problem-solving skills, provide an opportunity for creative expression and foster an appreciation for how things work.
- ⦿ For students to play and socialize with friends while learning the fundamentals of engineering and architecture in a non-competitive setting.
- ⦿ To help students understand that architecture and engineering are viable career choices.

BENEFITS:

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

DURATION/FREQUENCY/COST:

- ⦿ 10 consecutive Thursdays starting 01/26/2017 and ending on 04/06/2017. (No Class on 02/23/2017)
- ⦿ Classes meet 1.25 hour per week for 10 Weeks
- ⦿ Fee: \$225.00 for 10 weeks program.



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Class:





Location:

Session Date:

Session Time:

REGISTRATION FORM

Personal Information

First Name: <input type="text"/>	Primary Phone: <input type="text"/>
Last Name: <input type="text"/>	Secondary Phone: <input type="text"/>
Address: <input type="text"/>	Mobile Phone: <input type="text"/>
City: <input type="text"/>	Email: <input type="text"/>
Country: <input type="text"/>	
Province/State: <input type="text"/>	Member of the following sites:
Zip/Postal Code: <input type="text"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	   

Child Information 1

Child Information 2

First Name: <input type="text"/>	First Name: <input type="text"/>
Last Name: <input type="text"/>	Last Name: <input type="text"/>
Birthdate: <input type="text"/> <input type="text"/> <input type="text"/>	Birthdate: <input type="text"/> <input type="text"/> <input type="text"/>
Age: <input type="text"/>	Age: <input type="text"/>
Gender: <input type="text"/>	Gender: <input type="text"/>
School Child Attends: <input type="text"/>	School Child Attends: <input type="text"/>
Teacher: <input type="text"/>	Teacher: <input type="text"/>
Grade: <input type="text"/>	Grade: <input type="text"/>
Special Instructions: Medical Awareness <input type="text"/>	Special Instructions: Medical Awareness <input type="text"/>