

# NOW ENROLLING AFTER SCHOOL DIVINE WISDOM CATHOLIC ACADEMY



we learn, we build, we play with  
**LEGO® Bricks**

**PRE-K - 3rd GRADE**

**REGISTER** Bricks 4 Kidz  
**917-205-1280** or  
**mchernow@bricks4kidz.com**  
**SPACE IS LIMITED**  
Douglaston Campus



**SPACE IS LIMITED  
CALL OR  
EMAIL TO  
REGISTER**

## 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 AND 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:

- ☞ The program runs throughout the school year and follows the school calendar.
- ☞ Classes meet 1 hour per week **beginning Monday, Jan 7 at 2:45pm.**
- ☞ 10 consecutive Monday sessions only \$199.

