

LEGO ROBOTICS AFTERSCHOOL PROGRAM

Children can continue leveling up in the LEGO Robotics Academy and qualify to compete in the **First ever St Anne Spring Robotics Showcase & Competition!!**

Grades K-2 children Robotics Academy Level 2+ qualify to participate in Showcase
&

Grades 3-8 children Robotics Academy Level 5+ qualify to participate in Competition

- ✓ Repeatable program that allows students (K-8) to progress at their own pace
- ✓ Taught by Chasewood Learning following their Robotic Academy Curriculum
- ✓ Learn skills to compete in world wide robotic competitions



- Learn how to build and design robots
- Understanding of robotic programming
- Reinforcement of STEM concepts learned in school



Academy Levels 1- 3

(Level 1 is default starting for Grades K-2)

- LEGO Wedo Robotics Kit
- Learn how to follow building instructions
- Simple robot models (e.g. chomping alligator, drumming monkey, roaring lion)
- Intro to simple programming
- Intro to sensors (motion and light)
- Custom challenges and activities

Academy Levels 4- 8

(Level 4 is default starting for Grades 3-8)

- LEGO Mindstorms Kit
- Basic to Advanced robot design
- Basic to Advanced robot movements
- Intelligent sensor triggering
- Use of complex programming methods
- Combination of sensors and attachments

Academy Level 9+

- Advanced intricate modelling
- Competition strategies
- Efficient robot design
- Advanced programming methodologies and troubleshooting
- High School Robotics Ready

Please follow Registration instructions on next page



CHASEWOOD LEARNING
CREATIVE AND INTERACTIVE EDUCATION



LEGO ROBOTICS ACADEMY



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St. Anne Catholic School

**Repeat students can continue their Robotics education to qualify for
Spring Robotics Showcase and Competition**

Class Description:

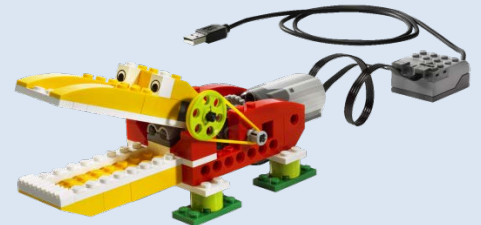
The Lego Robotics Academy is a comprehensive afterschool program where children are learning to design, build, and program robots. Using a creative educational approach that supports Science, Technology, Engineering and Math (STEM), this class is led by Chasewood Learning's teacher-led instruction followed by fun, engaging and dynamic activities.

Academy Levels:

The Robotics Academy is a repeatable program where children are placed based on skill and experience. Students can move up a level each time they take the class to take on more advanced concepts

When:

Monday's afterschool: 3:20pm – 4:30pm
Nov 3 – Dec 15: 6 classes
(No class Nov 24)



Where:

St. Anne Catholic School

Who:

Grades K-8

Children of all levels can take this class and are grouped by prior experience.

Cost:

\$75 per student

Dismissal:

At 4:30pm, children will be dismissed through the main door

Online Registration: www.chasewoodlearning.com & click **Locations**
Registration Open: Oct 27

Payment is due at time of enrollment online.

If you have questions please email will@chasewoodlearning.com

