Build Robots. Build Friendships. Build Confidence!

Looking for new activities in the Mishawaka area to inspire your child outside of school?
Three words: **Robotics for Kids!**

Robotics for Kids uses fun, hands-on projects to get your child’s creative juices flowing. Your child will learn how to build and program robots with LEGO® bricks and software — all while making friends, developing new skills and having a great time with STEM. For many kids, robotics class is a highlight of their week.

To fully engage and challenge your aspiring engineer, computer programmer or scientist, we have several kids’ robotics programs available:

- **Grades 2-4:** Robotics 101 and 102
- **Grades 4-6:** Robotics 201 and 202

How we teach kids robotics each week
In each Robotics for Kids class at Sylvan of Mishawaka, your child and a buddy work together to plan and build a new robot using LEGO® bricks, letting their creativity and imaginations loose. Along the way, they learn science and engineering concepts, such as how pulleys, levers and motors work. As the kids’ robots take shape, they experiment with LEGO® Education’s award-winning WeDo™ software. They discover how to apply computer programming concepts and find new ways to get their “bot” moving.
A few reasons your child (and you!) will love Robotics for Kids:

- **Unique STEM curriculum.** While your child is having a blast creating robotics, you’ll know he or she is learning practical STEM skills. (Just imagine how these new-found skills could inspire your child in the future!)

- **Creative problem solving.** In each Robotics for Kids class, your child participates in creative and challenging activities that encourage a love of science, technology and engineering at an early age.

- **Fun, hands-on activities.** Our interactive exercises engage kids’ hands, as well as their minds — great for children who learn in different ways.

- **Ongoing communication.** We keep you up-to-speed on the robotics and STEM skills your child is learning and what to expect next.

**Blast Into Bigger Fun With Game Design**

Looking for one of the hottest after school programs in the Mishawaka area? You’ve got it with Coding for Kids, an innovative course featuring **video game design** and **computer programming** for kids in grades 3-8. These fun classes are perfect for kids who have great imaginations, like figuring out how things work or simply love technology.

In Coding for Kids, your son or daughter will have a blast creating video games and animated stories. You don’t even have to mention all the cool skills he or she is learning along the way: basic coding and programming, problem solving, logic, physics and more. (We’ll never tell!)
Kids will:

- **Learns how to create** characters, animations, sounds and special effects using kid-friendly Tynker™ technology.

- **Develops mini-stories** and builds the skills to design a final video game that he or she can play with friends.

- **Experiments and troubleshoots** on his or her programming project, developing important problem solving, logic and computational skills.

- **Collaborates** with other kids to challenge and learn from each other — making friends along the way.

More reasons your child (and you!) will love programming for kids:

- **Cool, interactive projects** with highly visual and intuitive activities for kids (there’s no writing line after line of code).

- **A low stress setting** in which your child works at his or her own pace with the support and encouragement of a teacher.

- **Our advanced technology platform** with complex games, backgrounds and graphics (there’s a serious cool factor!).

- **Academic impact** with content that aligns with school curriculum, including Common Core standards.

- **Life-long impact** with 21st century skills: problem solving, logic, basic coding and more.