

Mad Science: CRAZY CHEMISTRY & BRIXOLOGY (Engineering with LEGO Bricks)



Mad Science of Iowa is super-pumped to offer both Science and Engineering this school year for our next generation of budding professionals! Using LEGO® bricks, your student will become junior engineers as they team up to construct different LEGO® projects in the engineering fields of mechanical, structural, aerospace, nautical, automotive, civil and bioengineering. Your future engineer will use critical thinking, cooperation/teamwork, and creative real world problem-solving, to build, test and improve creations. These projects were designed by a LEGO® Certified Professional in conjunction with Mad Science. Your child will also experience extended learning with take home gadgets they build and play with at home, in order to reinforce each concept for both the Engineering and Science. In addition, your child will bring home a document communicating the key concepts introduced. Let the crazy science and the tinkering begin!

Grades K-2

CHEMISTRY - JUNIOR REACTORS

Enjoy learning about Atoms, Molecules and Compounds. Use cooperation and teamwork to make mixtures in a small group. Take home and play-learn with our Atomic Coins!

BRIXOLOGY - CREATURES

Discover nature's engineering secrets as you investigate biomimicry! Build a walking insect machine and then test different ways to help it climb up the steepest branch. Take home, build and play-learn with our Peacock Puzzle!

Program # 5191

Day/Date: Friday, December 2 **Time:** 3:45 - 5:45pm

Grades: K - 2 **Min/Max:** 10/18

Location: Indianola Activity Center

Fee: \$34 (\$29)

Registration Deadline: Monday, November 28, or when full

Grades 3-5

CHEMISTRY - pH PHACTORS

Learn all about Acids & Bases, and different methods to test for them. Discover how the pH Scale is beyond basic mathematics! Take home and enjoy extended learning/play with our Reaction Tube!

BRIXOLOGY - MACHINES

Engineering is creative! Learn how gears, levers, and pulleys are useful tools for mechanical engineers. Combine your newfound knowledge with art and build a motorized drawing machine. Take home, build, and play-extend learning with our Sky Roller!

Program # 5192

Day/Date: Friday, December 2

Time: 3:45 - 5:45pm

Grades: 3-5

Min/Max: 10/18

Location: Indianola Activity Center

Fee: \$34 (\$29)

Registration Deadline: Monday, November 28, or when full



Coed Youth Basketball Leagues

3rd - 6th Grade Boys and Girls

Adult volunteer coaches will teach basketball skills through practices and games. The program will emphasize participation, teamwork, and sportsmanship. Whether you are just starting or have played for a few years, there is a place for you on a team. Practices are held 1-2 times per week and are determined by coaches and facility availability. When registering, please include shirt size, accurate height and weight, number of years played, and whether a parent is willing to coach.

Dates: Practices *may* begin the week of January 2

Games begin the week of January 16 thru mid March

Game times: 6:00 - 8:30pm

Registration Deadline: Friday, November 18

Fee by Friday, November 18: \$57 (\$52)

Fee after November 18 (if league is not yet full): \$72 (\$67)



Youth Basketball League

Coaches Meeting

We are looking for enthusiastic adults who enjoy working with children. Your assistance is needed to maintain quality programs at affordable prices.

Location: Indianola Activity Center

Date: Monday, December 12

Program # 5218 3rd-4th Grade 6:00-6:45pm

Program # 5219 5th-6th Grade 7:00-7:45pm

Program #	Age Division	Game Days
5216	3rd-4th Grade	Mon/Tues/Thurs
5217	5th-6th Grade	Mon/Tues/Thurs

Kids Cook • Grades 1-3

Hy-Vee's kids cooking classes are a great way to get your children to try new foods while being hands-on in the kitchen. Your child will have the chance to learn about the importance of including all the food groups in his/her diet. Join Hy-Vee Dietitian Denise Boozell for a fun, hands-on hour of measuring, stirring, preparing and sampling nutrition-packed recipes. For boys and girls in 1st - 3rd grades.

Deck the Halls with Healthier Holiday Treats

It's cold outside so come inside and help your Indianola Hy-Vee Dietitian Denise Boozell heat up the kitchen with some healthier holiday treats.

Program # 5222

Day/Date: Tuesday, November 29 **Time:** 4:00 - 5:00 pm

Age: 1st - 3rd grade **Min/Max:** 5/10

Location: Indianola Activity Center Kitchen

Fee: \$18.75 (\$15)

Registration Deadline:

Tuesday, November 22, or when full

Kids 'n the Kitchen • Grades 4 & 5

Hy-Vee's kids cooking classes are a great way to get your children to try new foods while being hands-on in the kitchen. Your child will have the chance to learn about the importance of including all the food groups in his/her diet. Join Hy-Vee Dietitian Denise Boozell for a fun, hands-on hour of measuring, stirring, preparing and sampling nutrition-packed recipes. For boys and girls in 4th & 5th grades.

Tis the Season.... for Cooking!

Don't miss this chance to bake some healthier holiday goodies with your Hy-Vee Dietitian Denise Boozell!

Program # 5223

Day/Date: Tuesday, December 6

Time: 4:00 - 5:00 pm

Age: 4th & 5th grade **Min/Max:** 5/10

Location: Indianola Activity Center Kitchen

Fee: \$18.75 (\$15)

Registration Deadline:

Tuesday, November 29, or when full

A HY-VEE WAIVER IS REQUIRED FOR EACH CHILD PARTICIPATING IN THESE COOKING CLASSES. SIGNED WAIVERS MUST BE RETURNED TO THE PARKS & RECREATION OFFICE BY THE REGISTRATION DEADLINE.

Special Needs Holiday Dance

Friday, December 16
6:30 - 8:30 pm
Indianola Activity Center
2204 W. 2nd Ave
\$3/person at the door

All individuals with special needs and their families, chaperones, respite providers or SCL workers are invited to attend! Tons of fun to be had!

The City of Indianola is pleased to provide accommodations to individuals or groups with disabilities and encourages participation in all of our programs. To better serve you, please notify us by phone or in writing at least two weeks in advance if you need special accommodations in order to participate.

