



## WALDEN ENRICHMENT PROGRAM

FALL 2018  
REGISTRATION PACKET  
SEPTEMBER 4 - DECEMBER 21

PRIORITY REGISTRATION DEADLINE: August 10th-20th, 2018 at 5 PM  
Registrations received after 5 p.m. will not be included in the lottery process, if one is needed.

### Registration Procedures

#### CLASS DATES:

For the fall session, classes will run from Tuesday, September 4th - Friday, December 21st, 2018. Class dates can differ slightly; please see the schedule grid for specific class dates. There are no enrichment classes on days when school is closed, cancelled, or unexpectedly dismissed early. **There will not be refunds/make ups for classes that are missed due to school cancellations.** Please look at the grid for class specific days off.

#### TO REGISTER:

Visit [waldenpto.org](http://waldenpto.org) and log into your account. Please UPDATE your information.  
Go To For Sale Tab & Enrichment.  
After making your class selections please PAY & CHECK OUT COMPLETELY!

On Wednesday, there are two sessions of enrichment available for registration; 2:30-3:30 and 3:30-4:30. You may register a student for both hours of enrichment or you can choose either the first hour or the second hour. If you only register for the 3:30-4:30 class, your child must exit the building at 2:25 when school is dismissed (unless the student is in after school club).

If you do not have the ability to register online, please contact Julie at [ASEWalden@gmail.com](mailto:ASEWalden@gmail.com).

## PROCESSING FEES FOR DROPS/CHANGE REQUESTS:

*After* checkout is complete a \$25 fee is charged for any dropped class.

*After* first week of classes there is NO REFUND.

If a lottery is necessary, drop/change fees are waived.

Additions will be accepted after registration is closed as space allows. If you would like to add or drop a class please email Julie at ASEWalden@gmail.com.

## SCHOLARSHIPS:

Scholarships are available for families who need assistance with tuition. Please contact Mrs. Jackson, the principal, for additional information.

## EMERGENCY AND PLEDGE:

We must have emergency information on file for each child. As part of the online payment process you must provide this information including allergies or additional circumstances of which the instructors should be aware. The enrichment pledge and allergy pledge must be initialed.

## LOTTERY:

In the event that registration for a specific class exceeds the maximum allowed for that class, a lottery will be run following the priority registration deadline.

## PTO BEHAVIOR POLICY:

The PTO reserves the right to terminate the participation of any student in the enrichment program for disruptive behavior. Additionally, if the PTO or program supervisors consider the continued participation of the student to interfere with the staff to manage the activities of the program, a student's participation may be terminated. Further, all students are reminded not to touch the personal belongings of the students and teachers whose classrooms they use during enrichment. Failure to comply with this may result in the student being terminated from the program. There are no refunds provided if a student's participation is terminated due to disruptive behavior.

## ENRICHMENT ATTENDANCE MONITOR:

The enrichment attendance monitor is on duty daily from 3:30 – 4:30 to monitor attendance in after school enrichment classes and Wednesdays from 2:30-4:30. If your child will not be at his/her after school enrichment class, you must call the school office by 3:00 or 2:00 Wednesday, the day of the class. Additionally, you must notify your child's classroom teacher so that she/he knows to send your child home rather than the enrichment class. This applies only to after school classes, not lunch bunch enrichment.

Questions? Contact Erika Harris at 312-303-0013; waldenenrichment@gmail.com or Julie Calderon at 773-469-9575; ASEWalden@gmail.com

**AFTER SCHOOL ENRICHMENT Mon, Tue, Thu, Fri 3:30-4:30**  
**Wed 2:30-3:30 and 3:30-4:30**

| <b>MONDAY</b><br>9/17-12/17<br>12 Weeks<br><b>No Class 9/3, 9/10, 10/8, 11/19</b> | <b>TUESDAY</b><br>9/4-12/18<br>15 Weeks<br><b>No Class 11/20</b>               | <b>WEDNESDAY</b><br><b>2:30 - 3:30</b><br>9/5-12/10<br>13 Weeks<br><b>No Class 9/19, 10/31, 11/21</b> | <b>THURSDAY</b><br>9/6 – 12/20<br>15 Weeks<br><b>No Class 11/22</b>            | <b>FRIDAY</b><br>9/7– 12/21<br>15 Weeks<br><b>No Class 11/23</b>                 |
|---|--|---|--|--|
| BREAKDANCE<br>Gr K-5<br>Chicago Loves Dance<br>Fee: \$202                         | FLAG FOOTBALL<br>Gr 1-2<br>Kogen<br>Fee: \$339                                 | FLAG FOOTBALL<br>2:30-3:30<br>Gr 3-4<br>Kogen<br>Fee: \$297   | FLOOR HOCKEY<br>Gr 2-5<br>Kogen<br>Fee: \$245                                  | GIRLS CHEER<br>Gr K-5<br>Chicago Loves Dance<br>Fee: \$245                       |
| PEGASUS FC<br>SOCCER SKILLS<br>Gr K-2<br>Pegasus<br>Fee: \$176                    | KARATE<br>Gr K-5<br>Focus Martial Arts<br>Fee: \$261                           | KIDS BOOTCAMP<br>Gr 2-5<br>Wheelpower<br>Fee: \$270   | STICKY FINGERS<br>Gr K-5<br>Sticky Fingers Cooking<br>Fee: \$308               | FIT 4 KIDS<br>Gr K-2<br>Kogen<br>Fee: \$245                                      |
| LET'S BUILD IT -<br>ROBOTICS!<br>Gr 1-5<br>Chess Scholars<br>Fee: \$205           | LEGOS<br>Gr K-5<br>Manella<br>Fee: \$235<br>Materials fee included             | LEGOS<br>2:30-3:30<br>Gr K-5<br>Manella<br>Fee: \$210<br>Materials fee included                       | SPANISH FUN FLUENCY<br>Gr: K-5<br>Fun Fluency<br>Fee: \$245                    | ROBOTICS WITH EDISON<br>BOTS AND LEGO WEDO<br>Gr 3-5<br>Tech Stars<br>Fee: \$315 |
| SCRATCH FOR<br>BEGINNERS<br>K-5<br>The CoderSchool<br>Fee: \$398                  | S.T.E.M. EXPLORERS<br>Gr 2-3<br>Noggin Builders<br>Fee: \$261                  | AMAZING ART!<br>2:30-3:30<br>Gr K-5<br>Sunshine Crafts<br>Fee: \$229                                  | BUDDING ARTISTS<br>Gr. 3-5<br>Morrison<br>Fee: \$214<br>Materials fee included | S.T.E.M. EXPLORERS<br>Gr K-1<br>Noggin Builders<br>Fee: \$261                    |
| BASKETBALL<br>Gr 4-5<br>Rendl<br>Fee: \$176                                       | FASHION DESIGN &<br>SEWING<br>Gr 3-5<br>Ciao Bella Sewing<br>Fee: \$308        | CHESS SCHOLARS<br>2:30-3:30<br>Gr K-5<br>Chess Scholars<br>Fee: \$192                                 | YOGA<br>Gr K-5<br>Chicago Loves Dance<br>Fee: \$245                            | SPANISH FUN FLUENCY<br>ACCELERATED<br>Gr: K-5<br>Fun Fluency<br>Fee: \$245       |
| BASIC SEWING<br>Gr 1-2<br>Ciao Bella Sewing<br>Fee: \$251                         | BUDDING ARTISTS<br>Gr. K-2<br>Morrison<br>Fee: \$214<br>Materials fee included | HIP HOP<br>Gr K-5<br>Chicago Loves Dance<br>Fee: \$216  | ROBOTICS<br>Gr 3-5<br>TinkerWorks<br>Fee: \$494                                | TUMBLE PLAY<br>Gr K-2<br>Dean<br>Fee: \$214                                      |
| MYSTERY BASKET<br>Gr K-5<br>Taste Buds Kitchen<br>Fee: \$301                      | MYSTERY BASKET<br>Gr K-5<br>Taste Buds Kitchen<br>Fee: \$370                   | STICKY FINGERS<br>Gr K-5<br>Sticky Fingers Cooking<br>Fee: \$270                                      |  |  |
|   |  | LET'S CODE IT-DIGITAL<br>DIMENSION<br>Gr 3-5<br>Chess Scholars<br>Fee: \$219                          |  |  |
|   |  | LITTLE FOOTLIGHTERS<br>K-2<br>Sarah Hall Theater<br>Fee: \$216  |  |  |

### Wednesday 3:30-4:30

#### Wednesday second hour enrichment, lunch bunch and special enrichment classes

| <b>MONDAY</b><br>9/17-12/17<br>12 Weeks<br><b>No Class 9/3, 9/10,<br/>           10/8, 11/19</b> | <b>TUESDAY</b><br>9/4-12/18<br>15 Weeks<br><b>No Class 11/20</b>   | <b>WEDNESDAY</b><br><b>3:30 - 4:30</b><br>9/5-12/10<br>13 Weeks<br><b>No Class 9/19, 10/31,<br/>           11/21</b> | <b>THURSDAY</b><br>9/6 – 12/20<br>15 Weeks<br><b>No Class 11/22</b> | <b>FRIDAY</b><br>9/7– 12/21<br>15 Weeks<br><b>No Class 11/23</b> |
|--|--|--|---|--|
|  |  | I LOVE TO PAINT!<br>3:30-4:30<br>Gr 2-5<br>Sunshine Crafts<br>Fee: \$243   |   |  |
|  |  | LEGOS<br>3:30-4:30<br>Gr K-5<br>Manella<br>Fee: \$210<br>Materials fee included                                      |   |  |
|  |  | HIP HOP<br>3:30-4:30<br>Gr K-5<br>Chicago Loves Dance<br>Fee: \$216  |   |  |
|  |  | LET'S BUILD IT -<br>ROBOTICS!<br>3:30-4:30<br>Gr 1-5<br>Chess Scholars<br>Fee: \$219                                 |   |  |
| <b>SPECIAL ENRICHMENT CLASS 9/25 and 11/8 3:30-4:30</b>  |  |  |   |  |
|  | MAGIC CLASS<br>9/25<br>Gr K-5<br>Gary Kantor Staff<br>Fee: \$20    |  | MAGIC CLASS<br>11/8<br>Gr K-5<br>Gary Kantor Staff<br>Fee: \$20     |  |
| <b>LUNCH BUNCH CLASSES 11:25 - 12:35</b>   |  |  |   |  |
| SONGWRITING<br>SUPERSTARS<br>Gr 1-3<br>Krakow<br>Fee: \$219<br>Materials fee included            | LEGOS<br>Gr K-3<br>Manella<br>Fee: \$227<br>Materials fee included | CHESS SCHOLARS<br>Gr K-3<br>Chess Scholars<br>Fee: \$197<br>*CLASS WILL RUN 10/31                                    | STEM WITH<br>TINKRACADEMY<br>Gr 1-3<br>TinkerWorks<br>Fee: \$409    |  |

## Class Descriptions

### AFTER SCHOOL ENRICHMENT

#### AMAZING ART (Grades K-5)

Amazing Art combines all your favorite art projects and mixed media in this unique class. Kids will make Tie Dye shirts (art smocks for the session), experience pottery painting, create fired ceramic arts, paint a canvas acrylic painting, do recycled art projects and more. Lessons will include concepts and techniques kids can use for a lifetime and the experience of creating awesome projects will result in great self-esteem and a sense of accomplishment. All new lessons for every session.

#### BASKETBALL (Grades 4-5)

This active class is a great introduction to skill development, rules and the basics of basketball. In addition to playing games, there will be fun basketball activities.

#### BASIC SEWING WITH CIAO BELLA SEWING (Grades 1-2)

*New Projects Each Session!* During this course little sewers will dive into the world of hand sewing. By the end of this course students will have completed at least two projects on their own. Possible projects could be pillows, scarves, reusable tote bags and more. Your budding fashionista will love learning about the various hand sewing techniques. \*This class is great for new & returning students. Sewing supplies, including fabric, thread, needles, and pins, will be provided. Students may choose to purchase additional specialty items on their own. \*This is a hand sewing class.

#### BREAKDANCE (Grades K-5)

Under the creative direction of skilled Chicago Loves Dance break dancers, students will learn choreography and poses, show off their creativity in free-style sessions and more. Chicago Loves Dance runs on the philosophy that dance should open your child's creative abilities and be FUN! We pride ourselves on teaching the self-esteem and socialization needed in everyday life through the activity of dance and performance. The last day of the class will be a parent watch day where they will do a short performance to show off their new hip hop and breakdance moves.

#### CHEER/POMS (Grades K-5)

Under the creative direction of Chicago Loves Dance cheer coaches, students will learn cheers as well as poms choreography weekly in this upbeat class. They will learn 3-4 new cheers weekly, work on form, as well as add on to their poms dance routine. The last day of class they will cheer at a Fit 4 Kids flag football game and perform their dance at halftime along side a "cheer-off" with the Kipling School cheer squad. The game will take place directly after class the last Friday of the session.

#### CHESS SCHOLARS (Grades K-5)

Develop your child's intellect through the royal game of chess! Current research has shown a strong link between chess and academic performance in a variety of areas, including mathematics and language arts. Also, chess has been proven to enhance children's motivation, concentration, focus, social skills, and creativity. No previous knowledge of chess is necessary. Each class will consist of a fun interactive teaching period and guided practice time. Both beginner and experienced players are welcome and will get to the next level under the guidance of an experienced Chess Scholars coach. There will also be a chess competition with prizes at the end of the session! See our promotional video here- [Chess Scholars - Introduction](#)

#### BUDDING ARTISTS (Grades K-2 & Grades 3-5)

Calling all artists! This class will focus on using many types of mediums to create individual works of art each week. Creativity encouraged!!

#### MYSTERY BASKET WITH TASTE BUDS KITCHEN! MONDAYS & TUESDAYS (Grades K-5)

Calling all chefs! Cooking Shows have nothing on Taste Buds Kitchen's tasty cooking extravaganzas. Join us as we cook our way through mystery baskets and surprise ingredients to dazzle our palates and inspire our budding chefs. Featuring both savory and sweet recipes from our signature Zucchini Flatbread to Veggie Spring Rolls and Banana Pudding. Grab your creativity and let's get cooking!

#### KIDS BOOTCAMP (Grades 3-5)

Kids Bootcamp is a total body bootcamp using body weight, fitness games & partner activities to increase strength & endurance. The class will leave kids feeling stronger and more confident in their athletic abilities.

#### FASHION DESIGN & SEWING WITH CIAO BELLA SEWING (Grades 3-5)

During this course students we will cover the basics of hand sewing. This course is perfect for beginning or advanced sewers. We will work together to problem solve and practice the best techniques for hand sewing. Sewing supplies, including fabric, thread, needles, and pins, will be provided. Students may choose to purchase additional specialty items on their own. New projects will be offered for the spring session.

#### **FIT 4 KIDS (Grades K-2)**

Join fit 4 kids this session for tons of fitness fun. We will be kicking off the new year with a bunch of new activities and games. We pride ourselves on being one of the most unique activities for kids. Girls and boys sign up and be prepared for a blast! *Fit 4 kids is proud to announce FIT 4 KIDS CARES a nonprofit program designed to help kids out who do not have programs like this available to them. 8% of all proceeds will go towards funding FIT 4 KIDS CARES.* Check out [www.fit4kidsclub.com](http://www.fit4kidsclub.com) for more information.

#### **FLAG FOOTBALL (Grades 1-2)**

Join us this fall for another fun season of flag football with Coach Steve and crew. We have a blast learning all about football in a safe environment. We team up with our buddies to play against kids from the other 3 Deerfield schools on Friday evenings. Every new participant will receive a jersey as well. [www.fit4kidsclub.com](http://www.fit4kidsclub.com)

#### **FLAG FOOTBALL (Grades 3-4)**

Join us this fall for another fun season of flag football with Coach Steve and crew. We have a blast learning all about football in a safe environment. We team up with our buddies to play against kids from the other 3 Deerfield schools on Friday evenings. Every new participant will receive a jersey as well. [www.fit4kidsclub.com](http://www.fit4kidsclub.com)

#### **FLOOR HOCKEY (Grades 2-5)**

Everybody loves hockey, especially when you don't have to worry about skating! Join us this winter at Walden and participate in one of the all-time favorite gym games. No equipment necessary, we'll provide all the kid friendly hockey equipment needed.

#### **HIP HOP (Grades K-5)**

Under the creative direction of skilled Chicago Loves Dance instructors, students will learn choreography to newest pop/dance songs, show off their creativity in free-style choreography sessions and more. Chicago Loves Dance runs on the philosophy that dance should open your child's creative abilities and be FUN! We pride ourselves on teaching the self-esteem and socialization needed in everyday life through the activity of dance and performance. The last day of the class will be a parent watch day where they will do a short performance to show off their new talents.

#### **I LOVE TO PAINT! (Grades 2-5)**

Kids #1 favorite art media is Painting! This class will emphasize Painting. We will use many types of paint. Acrylics, temperas, watercolors, fired glazes and more. Lessons will include the large variety of brushes and tools used to accomplish specific painting tasks. Taking care of their tools will also be emphasized. Lessons learned are for life, whether painting pottery, canvas, bisque or watercolors. It is NOT necessary to have taken Amazing Art, but students should be serious about painting and learning. All materials included.

#### **KARATE (Grades K-5)**

The Focus Karate program builds confidence and self-esteem. We teach students to set and achieve their goals while respecting themselves and others. We do so in a safe, structured environment where our trained instructors keep students motivated, fit and wanting more. Students will learn self-defense and interpersonal communication skills that will last a lifetime. Our youth get better grades, make more friends, and work towards their black belts. We build their confidence and in the process help to nurture tomorrow's leaders! Uniforms are not mandatory, but are available for purchase. Information will be provided the first day of class.

#### **LEGOS (Grades K-5)**

Imagination, Creativity, Fun! For all those Lego builders here's the perfect class for you! Imagine what you want to build: choose the bricks, pieces and mini figures to create something special. Pictures of your original builds will be emailed to mom and dad. A \$20.00 materials fee (included in the class price) is used to purchase a lego set of the student's choice to take home.

#### **LET'S BUILD IT- Robotics - Mighty Machines! (Grades 1-5)**

Enter into the fascinating world of robotics. In this exciting STEAM program, students will design, build and test their very own robots under the guidance of an experienced AES instructor. Projects include remote control cars, claws, cranes, crawlers, and battle bots. Educational components include gear ratios, mechanical design, electronics, and robotics engineering. No previous experience is necessary, just a desire to have fun, build, and learn. Each student will receive an award on the last day of the session, and have the opportunity to earn Energy Belts to demonstrate their learned skills! See our promotional video here- [Let's Build It - Robotics](#)

#### **LET'S CODE IT – Digital Dimension! (Grades 3-5)**

Digital Dimension! Learn to #code with Afterschool Enrichment Solutions! Both new and returning participants are welcome. This course will immerse students in the world of computer programming. Your child will have the opportunity to design games, explore animation, and combine music and art with coding. This class uses the block-based programming system Scratch, which was developed by the MIT Media Lab to teach programming concepts. Topics covered include event handling, coordinates, conditional statements, user interface design, variables, logic statements, and synchronization. In addition to teaching programming skills, this course will also nurture students' creativity and problem-solving skills. No previous experience is necessary, just a desire to learn and have gigabytes of fun! Each participant will receive an award on the last day of the session, and will have the opportunity to earn Code Belts by demonstrating their learned skills! See our promotional video here-- [Let's Code It Programming](#)

### **LITTLE FOOTLIGHTERS (Grades K-2)**

Perfect for first and second graders, Little Footlighters increases creativity and self-confidence both onstage and off! Through theatre games, rehearsal and performance, students develop basic acting skills and rehearsal technique necessary to be successful in performance.

### **MAGIC CLASS (Grades K-5) TUESDAY, SEPTEMBER 25th & THURSDAY, NOVEMBER 8th**

Children will have a great time as they learn a collection of thrilling and mesmerizing tricks from the "Magic Team of Gary Kantor." Amaze family and friends with tricks that involve cards, ropes, coins, mind-reading, and more. All materials are provided, and each child receives a magic kit to take home. Children are grouped by age and always learn tricks that are age-appropriate. Additionally, you can sign up for this class again and again since brand new tricks are always taught at each session! Note: If your child has taken Gary Kantor's magic classes at the Park District, some of the tricks may be the same.

### **TECHSTARS: ROBOTICS WITH EDISON BOTS AND LEGO WEDO (Grades 3-5)**

TWO Great Programs in One!

Meet Edison! Students will learn to work with this LEGO® compatible, programmable Bot while discovering basic robotics. Students will begin by using barcodes to program Edison, then will move on to graphical and Python programming. Students will program Edison to make music and communicate with other bots as they create and complete challenges.

You have been "hired" to work at C.A.K.E. (Creative Answers Kids Engineering Company)! Receiving daily EWR's (engineering work request), you'll work in teams to learn about robotics, and build & program your own robotic creations using the LEGO WeDo Robotics System. This unique system, designed by the experts at MIT, teaches about simple machines, engineering, programming and so much more. Young imaginations soar!

### **PEGASUS FC SOCCER SKILLS (Grades K-2)**

The Pegasus FC Soccer Skills class is a fun, energetic soccer program run by professional coaches from the Pegasus FC (soccer club). Whether your child is new to soccer or has already developed a love of the game, our age appropriate curriculum will allow all players to have fun developing their soccer skills. The fundamental techniques of dribbling, passing, shooting and defending will be taught during skill based activities and small sided scrimmages.

### **SCRATCH FOR BEGINNERS (Grades K-5)**

Scratch for Beginners is our entry level program for the novice and younger coder. Our Coaches use Scratch or Snap! to teach kids using our project-based game development curriculum that revolves around multiple games developed in either Scratch or Snap. This program is intended for students have not had exposure to coding.

### **SPANISH FUN FLUENCY BEGINNERS (Grades K-5)**

Join Fun Fluency on an afterschool *aventura* of learning a new language—the way your brain was meant to learn it!

Students learn Spanish naturally through immersion, movement, games, songs, rhythm, reading and acting out/listening to stories. Our storytelling-based method focuses on long-term retention, not just memorization. Students will quickly see how fun and easy it is to understand, read, and write in Spanish while being immersed in language, play, and laughter. Don't miss out on your child's window of opportunity to learn a language with ease at a young age. Classes are taught by native speakers and experienced/certified Spanish teachers. Class fee includes workbook and useful online resources to continue studies outside of class.

### **SPANISH FUN FLUENCY ACCELERATED (Grades K-5)**

This class is designed for anyone with previous Fun Fluency experience. Students will enjoy new stories, songs, games, a new workbook and curriculum while also reviewing words learned in previous classes. Take your language and speaking skills to the next level with Fun Fluency level 2. Students learn Spanish naturally through immersion, movement, games, songs, rhythm, reading and acting out/listening to stories. Our storytelling-based method focuses on long-term retention, not just memorization. Students will quickly see how fun and easy it is to understand, read, and write in Spanish while being immersed in language, play, and laughter.

Don't miss out on your child's window of opportunity to learn a language with ease at a young age. Classes are taught by native speakers and experienced/certified Spanish teachers. Class fee includes workbook and useful online resources to continue studies outside of class.

### **S.T.E.M. EXPLORERS (Grades K-1)**

Noggin Builders STEM Explorers: *All new activities, doesn't repeat from last year!* Investigate electricity, build your own vehicle, experiment with chemical reactions, create an earthquake or explore outer space. These are just some of the challenges we will dig into in STEM Explorers. Explore hands-on, real-world projects in STEM while stretching your creative problem solving with fun activities.

### **S.T.E.M. EXPLORERS (Grades 2-3)**

Noggin Builders STEM Explorers: *All new activities, doesn't repeat from last year!* Fall session is "Physics Phun!" Make your own working circuits, build a pneumatic machine, drop an egg without breaking it and so much more! We'll explore how things work in the world around us with science experiments and hands-on projects you design and build.

### **STICKY FINGERS COOKING (WEDNESDAY & THURSDAY Grades K-5)**

Let your child release their inner chef! Students will prepare and eat healthy, globally-inspired recipes all while loving and learning to cook in a fun, engaging and irresistibly tasty way that will turn even the pickiest eaters into avid food explorers!

Our fun, inspiring and creative chef instructors mix together a sense of engagement and excitement as they combine the love of cooking and fun nutritional facts (even a few bad jokes!), safe cooking skills and hygiene, jokes, geography, math skills, food culture and history to help instill a lifetime love of delicious, healthy family cooking. Your kids will have a blast every week discovering how easy and fun it is to cook (and gobble-up!) tasty, healthy, American classics as well as globally-inspired Sticky Fingers Cooking recipes! Sticky Fingers Cooking offers young chefs the chance to explore exciting tastes, all seasonal and as local as possible, master culinary skills that they can put to use in family kitchens, all while nourishing their bodies and minds.

#### **ROBOTICS: BUILD YOUR PERSONAL RoBot (Grades 3-5)**

Robots are ever-increasing in popularity for reasons of elevating work efficiency, enhancing safety, and of course, for having fun (e.g., solving Rubik's Cubes)! At TinkRworks, students will learn to appreciate many aspects of robotics, by building, wiring and programming their own individual robot from scratch! Participants will be introduced to programming skills, as they make a fully-functioning, remote-controlled robot that moves, flashes lights, and plays sounds at their command. We will then program our robots, using an Arduino microcomputer, and learn about how their infrared signaling remotes work to control their robots. Along the way, they will develop STEAM skills, and apply their reasoning and problem-solving skills to solve many challenges. Best of all, everyone will continue the fun at home, as they will take their fully programmed functional robot home.

*TinkRworks ([www.TinkRworks.com](http://www.TinkRworks.com)) is an innovative provider of exceptional and enriching STEAM experiences for students. Our projects use combinations of 21st century skills (e.g., coding, 3D-printing, electronics) and traditional skills (e.g. woodworking, painting) to achieve beautiful results.*

#### **TUMBLE PLAY (Grades K-2)**

Hop right onto the mats to learn to roll and cartwheel. Join this enrichment class to load up your afternoon with games and strength-building gymnastics in a relaxed and fun environment.

#### **YOGA (GRADES K-5)**

We supply the mats, all you need to do is come ready for some yoga and stretch! In this class run by Chicago Loves Dance certified yoga instructors, kids will learn beginning yoga movements, terms and yoga based games to make learning fun. Yoga in early childhood is wonderful for improving listening skills, building self-esteem and supporting social and emotional learning.

### **Class Descriptions LUNCH BUNCH ENRICHMENT**

#### **LUNCH BUNCH CHESS SCHOLARS (Grades K-3)**

No previous knowledge of chess is necessary. Each class will consist of a fun interactive teaching period and guided practice time. Both new and returning participants are welcome and will get to the next level under the guidance of an experienced Chess Scholars coach. There will also be a chess competition with prizes toward the end of the session!

#### **LUNCH BUNCH STEM with TinkRacademy (Grades K-3)**

In this STEM class, students will build a high-tech electronic and interactive Hack-o-Lantern for Halloween. They will add circuitry and sensors to their lantern, and then program the components to activate with lights, sounds, and movable effects when someone approaches. TinkRers will take home all their festive accessories just in time for Halloween and will make this holiday one to remember! Second part of TinkRacademy session will introduce students with computer programming using Scratch, a drag-and-drop programming language developed by MIT. They will learn the basics of computer programming, including how to use loops and algorithms, while creating unique and amazing animation and game projects that we can share with our family and friends online. Join us to scratch that coding itch!

#### **LUNCH BUNCH LEGOS (Grades K-3)**

Imagination, Creativity, Fun! For all those Lego builders here's the perfect class for you! Imagine what you want to build: choose the bricks, pieces and mini figures to create something special. Pictures of your original builds will be emailed to mom and dad. A \$20.00 materials fee (included in the class price) is used to purchase a lego set of the student's choice to take home.

#### **SONGWRITING SUPERSTARS (Grades 1-3)**

Want to learn how to write your very own songs? In Songwriting Superstars, we will learn the basics of songwriting from rhythm and rhyme all the way to recording. Taught in an artistic and collaborative setting, our Superstars will have the chance to explore genres like blues, country, rock, rap, and more, all while working together to write and record an album of original songs. Tons of fun for boys and girls. Come jam with us!