

AFTER SCHOOL Class Descriptions and Information This list includes descriptions for classes offered to all grades. Some classes are self-explanatory so we have not provided a more detailed description.

Amazing Animals If it walks, crawls, swims or flies we'll study it. From raising and observing small life (including insects and aquatic creatures) to exploring how bigger animals work, we'll learn not just about the animal kingdom, but about our own biology as well. Adventurous activities will include animal handling and care, hands on demonstrations, student experiments and outrageous games that insight both curiosity and giggles. We'll even create model collections of bugs and fossils to keep.

ART/Pen to Paper with George Sewell Cool stuff! Have fun with different projects each class, including comic strip art, still life drawing, lettering, use of paper cutouts, collage, water color painting, anything to create cool works of art!

Art/Small Pieces: Collage & Found Object Art Artist and PS 11 Parent George Sewell will lead young artists in a series of fun and creative art projects employing a variety of materials and artistic medium, including watercolor, cray pas, marker and collage on paper, cardboard and all manner of found objects.

Ballet The class teaches the fundamentals of classical ballet and will include both traditional exercises and educational games. Students will work on proper alignment and postures, positions of the foot and arms, jump and turn preparations, rhythm and musicality. Ballet attire is required - tights, leotard, ballet slippers. Boys can wear leggings and a t-shirt.

Basketball with Otis It takes practice to be a champion. Learn and develop new skills- positions, dribbling, shooting and rules of the game.

Capoiera, Afro Brazilian Acrobatics & Self Defense. Capoeira, a dance developed by Africans brought to Brazil as slaves over 400 years ago, incorporates the speed and agility of martial arts, dancing and acrobatics and teaches a philosophy of resolving conflict without the use of force.

Chelsea Hands on History A journey of discovery into the living history and preservation of the Chelsea Neighborhood. Learn about the birthplace of the Oreo Cookie at Chelsea Market, Chelsea Pier's connection to the Titanic, Gansevoort Plaza's past as a bustling farmers market and a connection in the neighborhood to the Underground Railroad. Students will explore the neighborhood on foot each week with Lesley Doyel and Ms. Shanley. Returning students are welcome as Lesley Doyel has more hidden treasures of Chelsea for you to discover. This class runs til 5 p.m.

Chinese Language with Dance & Art In collaboration with the New York Chinese Cultural Center, students will learn basic Chinese (Mandarin) words and writing as well as learn traditional Chinese dances like the Red Ribbon Dance and the Fan Dance.

Children's Museum of the Arts This foundations class introduces students to art fundamentals and techniques through exploration of notable, diverse artists and art-movements, as well as a range of art mediums in drawing, painting and sculpture. Through a series of different projects including landscapes, portraiture, and abstract sculpture you will be exposed to the fundamentals of composition, color, line, and form. Students will build their artistic talents with technical tools such as perspective, shading, color theory, palette organization, and observational study. Projects will vary between classes according to the age and ability of students. Another arts program/teacher will be provided for the last 2 weeks.

The Circus Kids Create This is the chance to run away and join the circus and still be home for dinner! Safe and expert instruction includes: clowning, juggling, tumbling, devil sticks, partner acrobatics, plate spinning,

make-up, human pyramids and much more. A collaborative approach is used that stresses teamwork and creativity.

Create-Your-Environment/Kids Creative Creativity meets environmental justice in this unique class from Kids Creative. Children explore their surroundings through science and creative arts, and as a group learn about the things that both sustain and threaten their environment. They then explore different ways to create their ideal environment and develop a group project that can help make their environment more sustainable. The class ends with one or more suggested solutions to the environmental problems that they identify as a group.

Dr. Seuss The stories of Dr. Seuss have transported children (and adults) of all ages into magical worlds for decades. Come explore stories you know and love like "Green Eggs and Ham" and discover new favorites like "Yertle the Turtle" and "The Sneetches" in this fun-filled after-school class. We will dive head first into themes reflected in these stories like "everyone is important" and "try new things" with acting, art, movement and even cooking activities. Just think of all "The Places You'll Go" if you join us!

Eco-Adventures /Adam Sammons As a means to create a better and brighter future, we must be aware of our impact on the atmosphere, fresh water, soil, forests, and oceans. In Eco-Adventures, students will learn about proactive environmental events that occur on our doorstep in New York City. Examples of these processes include the water treatment cycle, recycling plants, composting sites, and protected ecological zones. Our students, or better known as Eco-Adventurers, will participate in field trips to these sites and more! Our mission is to improve students awareness and understanding of the environment in a fun and enjoyable way.

Junior Engineers is a creative, hands-on introduction to concepts in design, physics, and engineering. We'll build bridges, skyscrapers, derby cars, catapults, and many more DIY toys! Engineers explore concepts such as energy, gravity, elasticity, and pressure through cooperative problem-solving in these creative science-based projects.

Re-Fashionistas! For both boys and girls alike - learn to re-fashion common, every day items into exciting new things! Ever want to make something (like clothes or toys) completely out of duct tape? Or perhaps learn to craft your own stuffed animals or create original outfits to wear? If so, re-fashionistas is for you! We'll up-cycle (recycling an item into a whole new, better creation) all sorts of things into brand new, original works of usable/wearable art. Examples include creating puppets, toys and stuffed animals, making wallets, containers and bags and up-designing our own shoes, hats, jewelry, clothing and more all from recycled and repurposed goods. All projects offer customization for both boys' and girls' interests and no prior sewing or crafting experience is required.

Fencing/Fencing for Progress Emphasis is placed on coordination and general fitness. Students play games and engage in fun and challenging, age-appropriate exercises that build a basis for fencing skills. Teachers foster focus and self-discipline while allowing students the room to play and explore - letting kids be kids. Young students are introduced to all 3 weapons (foil, epee, and saber), and they learn fencing etiquette and protocols. As students master increasingly difficult physical challenges, they gain self-awareness and self-confidence. The group lesson format creates greater opportunities for learning and cooperation.

Junior First Lego League (Jr. FLL) For children ages 6-9, Junior FIRST® LEGO® League (Jr.FLL®) captures young children's curiosity and directs it toward discovering the wonders of science and technology. This program features a real-world scientific concept to be explored through research, teamwork, construction, and imagination. Guided by adult Coaches, teams use LEGO® bricks to build a model that moves and develop a Show Me Poster to illustrate their journey. Children get to:

Design and build a challenge-related model using LEGO® components
Create a Show Me Poster and practice presentation skills
Explore challenges facing today's scientists
Discover real-world math and science
Begin developing teamwork skills
Choose to participate in expos and showcases
Engage in team activities guided by [Jr.FLL Core Values](#)

Students will work in small teams to create solutions to problems posed in this year's Think Tank challenge. Using the Design Process as a framework for guided learning, our coaches approach Jr. FLL in a fun and engaging way to get the most out of the FIRST LEGO League experience!

Free Play The activities that take place in this class include free play in the yard, games, arts and crafts, story time, reading and writing, music & movement. This class is very important to our younger students as it provides opportunities to learn and improve upon their social skills.

French Bonjour! Students will be able to discover the French language through many different angles. Teachers will be bringing in their experiences of the culture and language to share through games, songs, and other activities that will help children learn the basics of the language in a fun and inviting atmosphere. This class will be geared towards beginners as well.

Fuse Beads The most popular activity on half-days and in summer camp now comes to afterschool! Plastic Perler beads are used to create designs and then are ironed (fused) to make this take-home craft.

Garden-to-Table Cooking Program This class will run from 3:15-5:00. This class inspires students to discover good nutrition through cooking with seasonal fruits and vegetables. Students will learn about different foods, how they are grown and how to choose healthy foods that are good for their bodies. We promote the importance of healthy eating and inspire students to become food advocates for themselves and their communities. Students will develop the skills to prepare simple, healthy meals and share it together at the end. This class is held in the School Kitchen.

Girls on the Run is a 2-day per week commitment (Tuesdays & Thursdays from 3:15-5:00). We teach life skills through fun, engaging lessons that celebrate the joy of movement. The 20-lesson curriculum is taught by certified Girls on the Run coaches and includes three parts: understanding ourselves, valuing relationships and teamwork and understanding how we connect with and shape the world at large. At each season's conclusion, the girls and their running buddies complete a 5k running event in December. Over the course of the program, girls will develop and improve **competence**, feel **confidence** in who they are, develop strength of **character**, respond to others and oneself with **care** and **compassion**, create positive **connections** with peers and adults, and make a meaningful **contribution** to community and society. VERY IMPORTANT: All families need to register on the Girls on the Run Website, gotrnyc.org/register. You need to enter the discount code PS11. GOTR charges \$275 for each participant - this amount is included in your afterschool bill. DO NOT PAY Girls on the Run directly. If you would like to apply for a scholarship, you must do that on the GOTR website. Fill out the online scholarship form from the website: gotrnyc.org/register or directly here: <https://www.raceplanner.com/registrationinfo/event/GOTRNYCFall15ScholarshipApplication>. If not, we will assume that you can pay the full \$275 program fee.

Gotta Sing! Gotta Dance! /TADA! A Musical Theater skills-building class that focuses on the core elements of singing, acting, and dancing. Learn popular Broadway songs, plus one-of-a-kind songs from TADA!'s original musicals. This class includes exploration in character development using theater games plus song and dance numbers. Students learn the skills necessary to participate as Musical Theater performers. This program

focuses on acting through song & dance, which successfully prepares kids for future Musical Theater camps, classes, and productions. Classes begin with physical and vocal warm-ups to help students focus and prepare. The last class culminates in a final Sharing that showcases high-quality performances of the song & dance skills learned in class.

Guitar (Group guitar class for grades K-5) (www.ezraguitar.com) EzraGuitar is a guitar program designed to give kids the opportunity to study with some of the greatest classical guitarists in the country while using a method of learning designed especially for them. Our group classes are the core of the EzraGuitar method. These classes are built on the philosophy of Maoz Ezra, that music should be taught in the "language of children" and tailored to their natural abilities. By studying with this method and philosophy, it is our goal that children will connect to music making in a natural and organic way. Through creative games and ensemble work, children will leave each lesson with a sense of accomplishment and musical knowledge that will remain with them as a foundation for any future musical endeavors.

OVERVIEW OF CLASS

-We teach small group lessons for children in grades Pre K- 5 (kids are grouped according to age & level, the course is cumulative.)

-Melody & Rhythm: through a mix of repertoire including, classical, folk, children's songs, rock, jazz, contemporary and original compositions, students will learn to play music, not only exercises.

-Reading music: Through our unique method children will learn to recognize, know and master the notes in a range of four octaves.

-Ensemble work: From the beginning children will be learning to play in an ensemble. This group work puts emphasis on listening with sensitivity and working together.

-Performance: At least twice a year students will perform in a concert. Performance is a major part of studying music, it teaches the student about building self confidence and the joy of sharing music.

**** Students will need their own guitar for class. EzraGuitar has for purchase a full line of high quality guitars that are sized especially for children. We offer unique return policies and upgrade services and starter kit packages special for our students. To order instruments just give us a call, come into the shop or place your order directly online at www.ezraguitar.com. Phone: 718-434-2103, address: 785 Coney Island Ave, Brooklyn, NY 11218. Students will need an appropriately sized nylon string classical guitar. Please consult with us before purchasing an instrument on your own. PLEASE NOTE PAYMENT FOR GUITAR IS DUE UP FRONT, PRIOR TO THE FIRST CLASS. Students may join the class as late as the second class. Students cannot be admitted after the 2nd lesson, unless they schedule and pay for a private lesson with one of our faculty.**

Students may drop the class only after the first lesson if they wish to be refunded. After the second class has been taken no refunds are available. If a student drops the class after just taking one lesson, he/she will be refunded 50% of the remaining semester or trimester. Any drop after this period will NOT be refunded, with the exception of special circumstances, to be discussed and evaluated on an individual basis. Tuition will NOT be prorated except under special circumstances, to be discussed and evaluated on an individual basis.

Hip Hop Dance/Hip "Pop"/Jazz & Funk/African An active and creative class that focuses on motion, rhythm and choreography (hip-hop, jazz, street jazz, funk, African) Students should wear clothing that they can move in comfortably. Baggy pants/sweat pants and sneakers are preferred. Students may only sign up for 1 Hip Hop

class per week. Hip "Pop" for K students is an introduction to Hip Hop that incorporates dance games, rhythm and movement. Older students can also take Jazz/Funk & African Dance and be invited to join the **ADVANCED DANCE CLASS**.

HOP Students are expected to bring their own homework and materials to class. Students will be allowed to play strategy games **AFTER** they complete their homework.

Ice Skating Students will travel to Chelsea Piers for a 1/2 hour lesson with skating instructors from the Rink. Cost includes skate rental.

Inventor's Club, (MakerState) Young engineers will design smart electronics in this fun, project-centered introduction to creative DIY smart circuits. Our creations will light up, beep, spin, and inspire! We'll explore circuit design with Snap Circuits and create sensors with littleBits. We'll hand-write electrically conductive poems with CircuitScribe and build touch-sensitive devices with the MaKey MaKey controller, transforming everyday objects into buttons and switches. We'll mold and shape our own circuit inputs with Squishy Circuits, a conductive Play-Doh material that emphasizes creativity. And we'll make paper circuits like glowing faces and fire-eyed tigers that apply basic skills in circuitry. This is a great introduction to "physical computing", the Design Thinking Process, and computer hardware functionality and design...all without computers!

Inventor's Workshop A creative art class where students will use both found and traditional art materials to build, invent, create and discover what makes things work.

Junior Engineers is a creative, hands-on introduction to concepts in design, physics, and engineering. We'll build bridges, skyscrapers, derby cars, catapults, and many more DIY toys! Engineers explore concepts such as energy, gravity, elasticity, and pressure through cooperative problem-solving in these creative science-based projects.

Karate Kenwakids empowers children with awareness, self-control, respect, focus and a comprehensive physical education in an atmosphere of enthusiasm and cooperation. This semester we will offer a higher level class for blue-belts and above. Students are welcome to take both the blue-belt class and the general Karate classes. The program was designed by Sensei Michelle Gay, CMA, RSME/T a 4th degree black belt, 2-time World Champion, Certified Movement Analyst, and author of Brain Breaks for the Classroom - published by Scholastic Teaching Resources

Knitting Students will learn the basics of knitting. Materials will be provided though all work in progress will remain in school until completed. Students may bring their own needles and yarn or purchase materials from us (\$10 for yarn and needles) if they would like to bring work home.

LEGO® Pre-Robotics Workshop for K & 1st grade Students Children develop math and science skills by constructing and creating with LEGOS® Projects that incorporate robotics materials like battery boxes, motors and wires so projects will be able to move. The PreRobotics classes are \$30 per class per week. A non-refundable deposit of 1/2 must be paid prior to the first class.

LEGO® NXT Mindstorms® Robotics Workshop for 3rd-5th Graders Merging art and science, RoboFun LEGO Robotics workshops allow students to experience the ingenuity of LEGO bricks in a whole new way. Students design and program interactive robots using a LEGO microprocessor, LEGO NXT bricks and a variety of sensors. A typical program allows students to build 8-10 guided robotics projects, culminating in a final two-day independent project. Family and friends are invited to attend a presentation of final projects on the last day of the workshop. The Lego Robotics classes are \$40.00 per class per week. A non-refundable deposit of 1/2 must be paid prior to the first class and the balance is due by November 1, 2015.

LEGO® (WeDo) Robotics Workshop for 1st-3rd Graders Students design with LEGO® RCX bricks and motors to make their creations go go go! Using traditional LEGO® bricks, and LEGO® motors, students will build projects around different themes each week. Some example projects include an airplane, amusement rides, and a Wall-E- Bot. Students will gain important skills such as spatial reasoning, simple engineering, problem solving, and cooperative learning. Students won't take creations home, but families are invited to the final class to see a presentation of final projects. The Lego Robotics classes are \$40.00 per class per week. A non-refundable deposit of 1/2 must be paid prior to the first class and the balance is due by November 1, 2015.

Library Explorers Students will travel to the Muehlenberg Library on 23rd street to participate in library programs, read, research and take out books. All students should have or will apply for a library card.

Marvelous Machines Attention young inventors! Come explore the wondrous world of machines and build some of your very own! We'll learn all about the principles of science and physics while planning and building our own original mechanical marvels. Such machines will include airplanes, rockets, boats, cars and even a robot or two! We'll create machines of our own original devising and even carry out exciting experiments to explore the profound process of scientific discovery. Industrious inventors will learn critical thinking and creative problem solving skills while gaining a mastery of basic mechanics. So join us and stretch your imagination while building some Marvelous Machines!

Minecraft Coding Young programmers will have the opportunity to blur the lines of coding and virtualization with our custom educational version of Minecraft. By using the educational modification for Minecraft known as ComptuerCraftEDU, Makers will be able to create their own programs using the coding language LUA. While this programming language is not Java, it provides the same fundamental principles and experiences for programing while offering a distinct advantage, that whatever programs Makers create will be working in Minecraft immediately. These programs can range from a complex control program for a railway system, a wireless communication hub to operate all the functions of a farm, or even create a brand new game on a virtual computer within Minecraft itself. During this process students will have the opportunity build skills in collaboration, communication, and digital citizenship as they share their knowledge with others in their class and online. With MakerState's help, students can turn an interest in how programs work into practical knowledge for today's technology.

Minecraft Modding Young designer and programmers will have the opportunity to modify both the aesthetics and operation of Minecraft with our custom educational version of Minecraft. Through the creation of these mods, younger students will have an opportunity to fully express their artistic abilities through their design choices, while also having an opportunity to gain a basic understanding of programming principles. Alternately, older students, while also enjoying the freedoms of artistic expression, will be able to hone their programing skills by creating Javascripts that directly alter the behavior of what they create in Minecraft. During this process students will have the opportunity build skills in collaboration, communication, and digital citizenship as they share their knowledge and creativity with others in their class and online. With MakerState's help, students can turn modifying Minecraft into an interest in the arts and practical knowledge for today's technology.
Minecraft Redstone Engineering & Adventure Mapping Minecraft is a wildly popular world building game that allows kids to create virtually anything out of textured cubes in a 3D environment. Minecraft becomes a powerful learning tool as we bring our young makers into new passions and mastery in engineering, circuitry, computing, physics, design, and storytelling, as well as metaskills in collaboration, communication and digital citizenship. Makers will build with Redstone circuitry to create contraptions, machines, and adventure maps in the game. We'll create and play through our own Minecraft Adventure Maps and Quests in this superfun introduction to modding, game design, and storytelling. Makers will create puzzles, mazes, parkour obstacles, dungeons, and chain reactions, all with an emphasis on literacy intensive reading, writing, and presentation skills. MakerState turns Minecraft screentime into STEMmastery learningtime!

Model Airplane Building/Flying Machines Join us in this high-flying, airplane-making adventure where we are going to create some crazy flying machines based on Leonardo da Vinci's inspirations! Kicking things off is our Ornithopter - just like da Vinci's original design from 1485! This super cool rubber band powered flying machine with its flapping bird-like wings will be even more fun to fly than it is to build! Next we'll wander into today's technology by building our Dragon Fly, an amazing, hand launch electric plane made from a durable foam wing and a completely unique balsa wood fuselage and elevator. Of course because flying machines aren't just planes, we'll also throw in our Helicobra V2, a really cool version of our popular rubber band powered helicopter that is lots of fun for all ages! In addition to these amazing machines (and many more!), we're going to learn all about the history of flight and the science of what makes our planes fly! By the end of this course, you'll be an expert aviator ready to take flight! Build it! Fly it! Keep it!

Murals Kids are invited to collaborate with artist and PS11 parent George Sewell, exploring the many facets of urban art through their own work, culminating in the creation of a collaborative mural on a wall at PS11. Each week, kids will be given inspiration, explore images of famous artist's work and art techniques and then get their chance to make their own mural drawings. Each week's work will be collected and eventually bound into their own "mural sketchbook" to take home. One of the groups' drawings will be chosen for the actual wall mural, which will be created as a group over the last few weeks of the class. The final class will be an unveiling of the mural and a celebration of the kids' mural sketchbooks.

Music & Movement Singing and dance combined in fun and creative ways.

Music Memory The Riverside Symphony's Music Memory program is designed to develop a lasting appreciation for fine music in young people. Music Memory develops listening skills, provides a link to explore the composers and their times, and also offers children the opportunity to express the music's rhythmic, melodic and emotional content during interactive sessions.

Music Production & Lyric Writing (Hip Hop) The objective of this class is to teach the students how to construct a Hip Hop song, while focusing on the values of beat making, production, writing, music theory and team building skills. The overall goal is to have the students complete a recorded Hip Hop song by the end of the semester. Here's a link to a song we created during the PS 11 Summer Camp. <https://vimeo.com/150976205>

Musical Theatre/TADA! play-building class focuses on the essential skills of writing, singing and dancing plus techniques from the 'actor's tool-box' such as characterization, improv, and scene development. Students create an original mini-musical where they will write and rehearse the scenes, learn songs, and perform it all for the school community! Students work on their writing and performance skills, and the use of musical numbers to promote fun, active learning. The class will be taught by TADA! teaching artists (music director & director/choreographer.)

New York Cares/ Play & Read In collaboration with NY CARES, children are partnered with volunteers for activities, games and art. Children are selected based on social, physical and academic need.

New York City Chess An exciting introduction to the game of chess for our beginner Students, Players will enjoy close student to teacher ratio, introduction to the pieces and how they behave, real life variations of games and fun, and "Tournament like" activities. Each student receives training according to their individual levels and progress. This chess programs offers a whole new way to introduce, engage, captivate and keep beginning players in the new (yes new), exciting game of chess...and wanting more!

PopFit Juniors (pre-k-1st) Get ready for an action packed healthy adventure with high-energy fitness fun, good-for-you-games and nutritional know-how that kids can share with the whole family. Through energizing circuits, fitness games, obstacle courses and more each PopFit adventure will hit on the Fab Five: Cardio, Strength, Flexibility, Balance and Endurance. Children will work toward increasing muscle coordination, improving motor planning skills, and engaging in total body awareness.

PopFit FUNctional Fitness (1st-3rd grade) Whether preparing for sports or general movement, this fun-plus-fitness club introduces exercise and conditioning in a cool, fast-paced environment. Among the many techniques to be taught, students will learn the proper way to sit right for a sit-up, bend it for a box jump and lateral lunge with accuracy. Kids will engage week to week in high-energy circuit activities, agility drills, resistance training, dynamic stretches and more while learning the benefit of the PopFit Fab Five: Cardio, Strength, Flexibility, Endurance, and Balance. The program also features nutritional education and take home challenges sure to keep everyone on their feet.

Pop Stars A 5-6-7-8! Time to let your inner diva shine! Your PopSTAR will learn vocal technique, choreography and the importance of teamwork while having a blast in this Afterschool class that concludes in a final group performance. After a quick physical and vocal warm-up (safety first) the REAL fun begins. PopSTARs get to choose their repertoire (pop - Broadway), learn the moves, sing and dance! At the end, join us for a star-studded final performance but please don't leak the details to the paparazzi.

Rock N Roll Movies is where kids will create, write, direct, and star in their own rock n roll movie! Everything from the story, characters, props, costumes, animations and original score will be created by the kids, with help and guidance from veteran rock n roll teacher Mike Messer (leader of the world famous rock band for kids "THE DIRTY SOCK FUNTIME BAND") Along with the encouraged silliness there is a strong focus on teamwork and confidence empowerment. The creation process is based upon the philosophy that "ALL ideas are good", and gentle encouragement that anything that your child thinks up is worth giving a try. The other goal of the class is for everyone in class to have as much fun as we possibly can! All kids and families will get a professionally edited copy of the movie. Join the fun with one of the most popular PS11 after-school classes of the last 5 years!

Rock Star RockSTAR is a comprehensive music education program that teaches 1-5th grade students how to play guitar, bass, drums and keyboards, compose their own songs, and perform rock n' roll hits. Students form their own bands, as well as develop musical skills, teamwork and professionalism. **WHATS IN OUR GIG BAG?!!**

- RockSTAR is the Largest Most Successful after school rock and roll music program in Los Angeles, San Diego, and Nashville.
- RockSTAR provides every school with ALL the equipment needed for the students (A drum kit for EVERY SCHOOL, our teachers bring the rest)
- RockSTAR requires NO previous experience for the students to join.
- RockSTAR has the support of musical icons such as Sammy Hagar, Gene Simmons and Carlos Santana.
- RockSTAR has hosted it's annual Battle of the Bands with celebrity judges and hosts at the Hard Rock Café Hollywood, Hard Rock Cafe, Universal Citywalk, Crash Mansion and in 2010 the world famous House of Blues! RockSTAR harnesses the cognitive, social and creative benefits of music education in an awesome and fun format that allows children to learn, live and let loose! Our curriculum offers an exciting and unique approach to music education that includes: instructional take-home videos, play-along CDs, a History of Rock workbook, fundraising concert performances and a hot rockin' graduation recital! Each session (band) is limited to 7 students. The cost for this class is \$25 per week.

Rocket Scientists Budding rocket scientists will launch into the universe of aeronautical engineering and the physics and astrophysics behind our journey into space as we hand-build paper planes, sky cruisers, H2O shuttles, pop airplanes, and parachute rockets to discover fundamental STEM concepts that power and move our world. Our planes and rockets will apply lift, thrust and drag and help us discover such forces as gravity, energy, propulsion, acceleration, and velocity, forces involved in moving a car down the road, pedaling a bicycle,

or shooting a rocket into space. A special emphasis will be on the scientific method and the Engineering Design Process as young scientists experiment, create, test, and prove their understanding of new concepts and skills in physics and engineering.

Rubin Museum Spend the Spring with The Rubin Museum of Art! This year the PS 11 after school program will focus on themes of community, identity, and belonging. At each session, students will become familiar with The Rubin Museum's collection and use it as inspiration for the art projects they will create throughout the semester. Projects include drawing portraits, constructing sacred spaces, doing yoga, and even collaborating with students from Mumbai, India on a hybrid animal project.

Russian Privet! Kak dela? That's Russian for "Hi! How are you?" Learn this and other useful phrases in our new interactive after school program at PS 11! Students will start by learning basic greetings, number, expressions and vocabulary through songs and games. The class will also touch on fun aspects of the Russian culture and language. Do svidaniya!

Scratch Video Game Design & Coding We'll build programs, games, and animations using Scratch: the drag-and-drop, color-coded, event driven programming block editor. Young engineers will learn the fundamentals of programming with this fun introduction from the MIT Media Lab including if/then statements, loop structures, data variables, mathematical and Boolean operators. These skills will be applied to create games as we explore design concepts such as objective, aesthetic, and difficulty curves. This series culminates in a student-led game tournament showcase.

Skateboarding with Louie Luiz is an introduction to skateboarding and skateboarding safety, proper form and posture, turning, acceleration and stopping. Louie has been a professional skateboarder sponsored by numerous companies for the past 12 years. He has been teaching children and adults how to skateboard for over 15 years. Louie has taught at renowned private schools, and sports camps across the tri-state area. The cost for this class is \$35 per week. Students must provide their own equipment - skateboards, helmets and pads. Equipment will be available for purchase (\$150 for full gear). Equipment can be left in the afterschool office in the morning on the day of class. The advanced class will take place at Chelsea Piers Skate Park and is open to experienced students who have a love and enthusiasm for skateboarding and want to practice and learn in a skate park. Students will be walked to and from Chelsea Piers by PS 11 Afterschool Staff.

Advanced Soccer The aim of this class is to give students who already have a passion and talent for soccer an opportunity to develop and enhance skills that they can utilize throughout their athletic career. A wide variety of skill and team based drills will be implemented while instilling a further joy and understanding of the game. Sneakers/soccer flats and proper athletic gear must be worn to every session.

Soccer with Coach Fher's NY Soccer Sessions are designed to be fun for both children and coaches. Drills are interesting and vary across skills, utilizing various tactics and strategies, and stress team building. Coach Fher's mission is to teach children the basics and to play soccer in a fun and non-stress environment. Sneakers must be worn to participate in soccer.

Spanish Hola! Children will learn about and explore the Spanish language and culture through age-appropriate lessons and activities. In this playful and educational after-school program geared towards beginners, students learn all the basics of the language, including numbers, colors, greetings, family terms and more. The children will begin learning the target language through games, songs, activities and role playing.

Sports & Games Structured and unstructured time to play a variety of sports - basketball, football, soccer, kickball are the favorites. On rainy, cold or snowy days, students will remain inside and play strategy games.

Super Heroes Children will develop stories and games about Super Heroes & Villians that they know and use their imaginations to create new ones. They will work on projects individually and collaboratively.

Swimming Children are expected to bring bathing suits and towels to swimming every week. The child's name should be on all items. BATHING CAPS are required for boys & girls with hair below their ears. STUDENTS MUST PROVIDE THEIR OWN BATHING CAPS AND GOGGLES (IF NEEDED). After an initial evaluation, some students may be asked to change to a higher or lower level swim class. If a child is sick or unable to swim, families must provide a written note to the afterschool staff. Accommodations in another class are not guaranteed and students who do not swim are NOT allowed in the pool area. Students may only sign up for 1 swim class per week. If there is availability after registration, another swim class can be added.

Tap with Susan Hebach focuses on learning and exploring the art of tap dance. The goal is to provide students with a well rounded experience by developing strong technique skills, understanding how to listen and work with music and strengthening basic musical skills, cultivating creative skills, learning historical choreography and listening and dancing to a variety of music. All students need a pair of tap shoes to participate in this after school class. We have a moderate selection of tap shoes available for temporary use during class but it is recommended that families purchase shoes to fit their child. Students in the first session on Tuesday must have at least 2 semesters of prior tap experience.

Advanced Tap Dance (Hooper's Club) with Susan Hebach This is a chance for those students who have had previous tap training to cultivate more advanced tap skills and material. This class is created for PS 11 students who have had at least 3 sessions (or more) of tap class, and are excited about tap dance! No beginners. The goal is to explore rap dance on a deeper level (including history and film) and work on a dedicated performance piece to share. For grades 2-5.

Advantage Quickstart Tennis Now kids' tennis is easier and more fun! Advantage Tennis Club's Quickstart Tennis program is designed exclusively for students ages 4 and up, no experience needed. Children play with age and size-appropriate racquets on smaller courts using special slow-bouncing balls. They learn from experienced professionals through non-competitive drills, games and instructional tennis basics and fundamentals.

Tiny Techies leads kids through fun, playing and building-based games and projects in STEM (science, technology, engineering, and math). Exploration and experimentation-based projects in coding, robotics, physics, mechanics, alternative energy, 3D printing, geometry, rocket science foster early interests in STEM and introductory skills lead to a lifelong love of STEM.

Tumbling 101/Circus Minimus is an introductory class emphasizing good technique and body alignment. We will focus on skill building in acrobatics, group tumbling routines, and pyramid building. Kids will also build their very own tumbling obstacle course

WonderHut Science:KidScouts This interdisciplinary hands on science program integrates art, stories, games and observation of science materials. Taught by seasoned early childhood science educator Kelli Crosby & her colleague Robert Appleton. Join the KidScouts and master your science/nature skills. Throughout the school year we will learn about: leaf I.d, Wilderness survival, Animal tracking, Kites and flight, Boats and floats, Carpentry and inventing, Electricity and inventing, Hudson river Habitat, Leatherwork, Diagram and model making, Flowers and planting