

# NEXPLORE

the joy of learning



## Enrichment Specialty Programs



## WE COME TO YOU

- After-School Programs
- In-School Programs
- In-House Field-Trips
- Summer Camps
- Development Workshops
- Special & Gifted Groups
- Special Events
- Birthday Parties



[www.nexploreusa.com](http://www.nexploreusa.com)

# About Us

Nexpire is an educational enrichment company that offers after school, **in-school and summer program services in over 500 schools and education centers nationwide.**

## WHY

Nexpire believes in the Joy of Learning and is inspired by a few basic principles:

When you learn what you love, you will love to learn.

When you are motivated to learn, learning becomes a goal, rather than a means. This sparks a purposeful, life-long journey of discovery and passion.

Enrichment programs are fundamental to the growth, development and success of our future leaders.

## HOW

Nexpire's mission is to foster the Joy of Learning through enrichment opportunities so that each child may discover and explore a passion that drives him or her to excel.

## WHAT

Nexpire is a "one-stop shop" for enrichment services and in-house field trips. We offer the most diverse selection of children's programs that can be applied in after school, in-school and summer settings.



## Our Programs

Nexpire offers a diverse selection of programs designed to inspire and empower students. Our programs are cutting-edge, unique and fun!

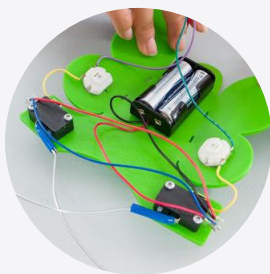


# NEXPLORE

## Makers Club

Nexplore Makers Club is an engineering program designed to inspire kids to pursue futures in science & technology. Students interact with fun Maker Kits that enhance mechanical, artistic, and engineering skills, while encouraging them to act as inventors in their own right. Participants design their own remote controlled hydraulic arms, learn to harness energy to power race cars, and experiment with structural design. Plus, students can keep their inventions and proudly share their projects with family and friends.

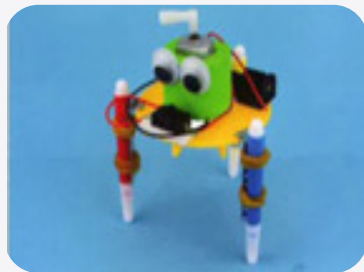
Nexplore Makers Club is fully aligned with Next Generation Science Standards, and reminds kids to always explore, experiment, and create!



# NEXPLORE

## Build A Bot

Calling all engineers and scientists! Build A Bot workshop is an inquiry-based, fun and hands-on STEAM experience designed for 3rd – 8th grade student's 3rd aspired to build Robots. In this program, students will build a series of Robots each of which operates with a different mechanism and designed for a unique purpose such as: Vacu-Bot, Brush Bot, Drawing-Bot, Crawling Bot, Walking Bot, Spider Bot as well as propeller and Solar Cars. This program is fully aligned with NGSS standards. and on top of all, students get to keep and play with their creations.



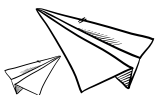
# NEXPL<sup>ORE</sup>

## Oceanic Exploration

Take the dive with Oceanic Exploration and journey from the tropics to the poles to inspect arctic food webs, simulate coral reef adaptations and survey everything from the great river deltas to the Mariana Trench. Through engineering design activities, challenge learners to collaborate on sustainability projects such as tracking great white sharks across the open ocean, answering and reflecting on important sea-dwelling questions about the variety of the oceans and the differences in ecosystems.



# NEXPLORE



## Flight and Aerodynamic

### Ready for Take-Off!

Flight and Aerodynamics is packed with 12 engaging, one-hour lessons centered around the thrills of aviation. As individual sessions or a sky-high intensive, this program combines the engineering design process, creative thinking, the arts and a collaborative environment as it challenges learners to explore the wonders of flight.

Whether students are designing experiments to investigate history's most iconic flying machines or observing abstract physics concepts like energy conservation and buoyancy, this multi-subject approach to flight investigation provides endless opportunities for students to develop and nurture the foundations of scientific inquiry and their critical thinking skills.



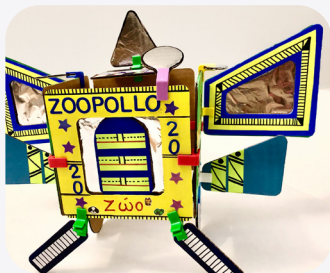
# NEXPLORE

Architecture with  
3DuxDesign

3DuxDesign is teaming up with Nexpleore to bring students an incredible architecture and engineering experience that they will never forget!

We will take a deep dive into the world of architecture, where students harness their engineering and design skills to build structures that will change the future! Architecture is a unique discipline that bridges the arts and the sciences as students imagine design and build solutions to real world challenges.

In this program, kids will learn by doing, using the architect's toolset (and lots of cardboard) to design and build an entire sustainable community. From the tiny house geometry challenge to engineering adaptive playgrounds, your students will have a blast while using STEM and 21st century skills to innovate solutions to modern problems in an authentic learning experience.



# NEXPLORE

## Nature Watch

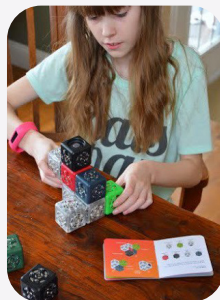
Environmental science comes alive with Nature Watch activity kits! Each activity is centered around a hands-on project designed to engage, enlighten, and enliven the learning process. Each course covers one important topic, like animals, ecosystems, climate, and more. To further promote discover, all kits include a craft so each participant can “make and take” their project home. Nature Watch’s activity kits are fully aligned to NGSS, advance 21st century science education and are mapped for STEAM extensions.



# NEXPLORE

## RoboCoding

Coding without a computer? It's the best way to start! This program gives students a hands-on introduction to the fundamentals of both coding and robotics, allowing them to build and execute programs in the real world! With award-winning Cubelets kits, students combine robotic cubes—each with their own unique function—to create machines that can light up, move, and interact with the world around them. Students gain an in-depth understanding of fundamental concepts like inputs, outputs, and processing, and discover how simple building-blocks can come together to perform more and more complex tasks. By working together to solve coding and building challenges, students also reinforce essential life skills like teamwork, communication, and problem-solving.



# NEXPLORE

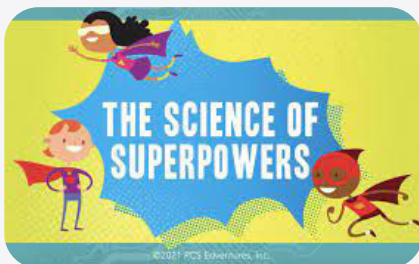
## Science of SuperPowers

### The Science Behind Superpowers!

The world of comic books is full of heroes, villains, challenges and triumphs — and the heroes need help! Ready to see just what it takes to be super? In this

educator favorite, learners answer the call for aid by dissecting superhero skill sets to uncover the science behind superpowers.

With 12, one-hour STEM lessons in biology, engineering and technology, learners fly alongside Superman, sling webs with Spider-Man and recognize the real-life heroes in their lives. Dive headfirst into the comic universe where student character development, multi-subject integration, creative thinking and community awareness reign supreme.

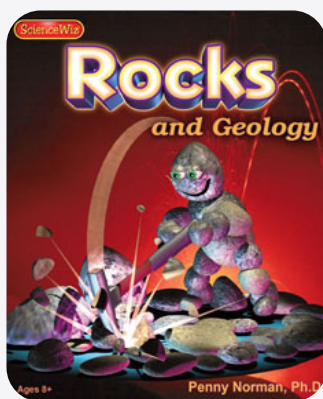
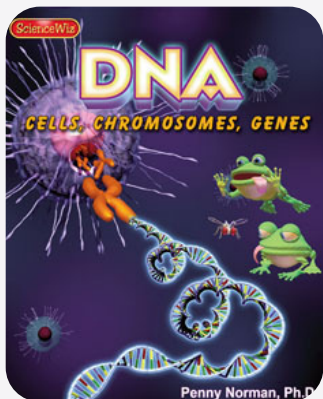
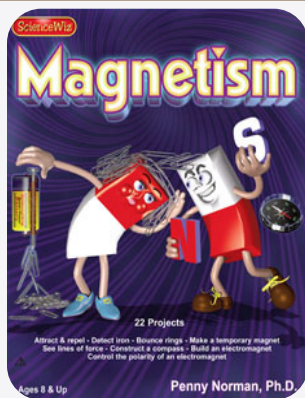


# NEXPLORE



## Science Wiz

Science Wiz is built upon inquiry, experimentation and play! Each Course, students will dive deep into one of the following scientific concepts: electricity, inventions, sound, energy, physics, light, DNA, magnetism and more! Student will receive their very own Science-Wiz™ kit to explore fundamental scientific ideas through hands-on play and activities and conduct experiments, many of which they will bring home to share with family and friends.



# NEXPLORE

## Survival Science

Survival Emergencies can happen at any time! While the odds of being lost or stranded outdoors are pretty low, knowing what to do in an emergency is important. As survivalists, students learn exactly what to do in an emergency through the team-based study of real-world survival skills.

From investigating the utility of tools to working through challenging situations, over this course, learners use ingenuity to gain

crucial skills such as knot tying, water purification and compass navigation. Bringing STEM to the great outdoors, instructors love the hands-on, interactive and collaborative curriculum. With each thrilling activity, students gather their senses, put their new skills to the test and conquer every challenge Mother Nature throws their way!



# NEXPL<sup>ORE</sup>

## Strawbees

Strawbees is an award-winning prototyping toy for makers of all ages. Strawbees construction set is made of plastic, paper, and other polymers for hands-on exploration with versatile straw pieces for making building and idea creation accessible for all ages and learning needs.

Strawbees is a construction set, which means it's made to build things. To say it's made to build a specific type of thing is the same as saying that a certain crayon is only made to draw flowers. The way we think about Strawbees is as a material for people to express, test and share their ideas, developing the necessary skills to think creative!



# NEXPLORE

## Wild Side

Explore Flora, Fauna, Wild Beasts and Habitats of the Earth.

Investigate the diversity of the planet as globe-trotting artists! From the arctic to the high desert, revel in the complexities of different ecosystems through creative, learn-by-doing STEAM projects that inspect the science of the most intricate environments of the globe.

Leave no stone unturned as learners reflect on the unique aspects of the places and creatures they encounter over the 12 hands-on lessons. They'll cultivate art and language skills, promote global awareness, engage in exercise and movement and spark a love for STEAM as they work alongside the flora, fauna, wild beasts and incredible habitats of the Earth!



# NEXPL<sup>ORE</sup>



## Lego Robotics With Edison

### Why Edison?

Edison is a programmable robot designed to be a complete STEM teaching resource for coding and robotics education for students from 4 to 16 years of age.

Effective, engaging and enjoyable coding education

Edison helps deliver meaningful computational thinking, computer programming and 21st-century education in an engaging, hands-on way.

Designed for the classroom environment, Edison robots are durable, have no loose parts to manage, and thanks to their compact size, are easy to store.

Edison works right out of the box, fully pre-built with all sensors ready to use.

There's no software to install or manage, making it easy to use Edison with different device types and platforms, including laptops, Chromebooks and tablets.

Coding education for all ages and skill levels

Edison's robotic capabilities can be unlocked with ease through simple barcode programs. Children as young as four years old can begin to explore coding and robotics using the unique barcodes to activate pre-set programs.



# NEXPLORE



## BlockSmith: 3d Coding & Design

### Enter Virtual Reality in Style!

Offering a unique opportunity to learn and explore, Discover Blocksmith: 3D Coding & Design comes with 12 one-hour lessons in programming and video game design. Using the Blocksmith Builder software either in the classroom or at home during distance learning, learners create 3D games and scenarios, bringing them to life through an extensive logic system. These creations can be played immediately, or uploaded to Virtual – and Augmented Reality viewing devices. With the Blocksmith Group license, instructors have full domain control to create a secure and distraction-free environment to trade and share experiences. A fun and exciting journey for students and educators alike, Blocksmith allows learning environments of all sizes to create, share and experience the wide world of video game design and virtual reality.

Discover Blocksmith teaches students many skills with real-world applications, including programming concepts (ie. logic, variables, spawn-ers), user interface and user experience design concepts (UI and UX design), video game development, VR and AR applications, 3D modeling and more computer science topics



# NEXPLORE


## Cad Camp

A Community Treehouse In The Making.

Breathe life into creativity with the help of CAD (Computer-Aided Design), a cutting-edge software utilized in industries ranging from woodworking to aerospace engineering! Using the free-to-use software, SketchUp, CAD Camp enables instructors to easily setup and implement the day's activities with no previous experience required. Program leaders will love the detailed instructions, background info, prep tips, discussion questions, extensions and more, making this one of the most teachable programs ever! Each day, students work through step-by-step projects to gain new skills and attempt stimulating challenges.

These experiences culminate in the building of dream tree houses as learners work together to construct a tree house community! Computer-Aided Design Camp delivers the unforgettable experience of exploring the limitless potential of one of the most widely used engineering tools in the world!



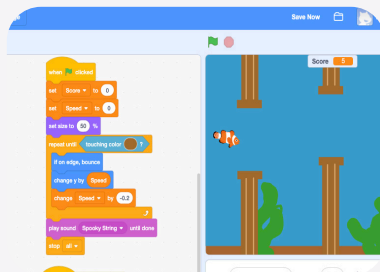
# NEXPLORE

## Coding

### Demystifying Computer Programming

Explore the magic of computer programming with Scratch, a free-to-use software developed by MIT's best brains to encourage young learners to combine creativity with logic! With a cutting-edge application and a series of exciting projects, students uncover the sensational world of coding. Every day, participants expand their skills as they build their very own interactive storyboards and games with audio, video, animated characters and more.

Scratch Camp demystifies computer programming and gets students fired up about creating and coding – they love it!



# NEXPLORE

## Claymation

What do Wallace and Gromit, Rudolph the Red-Nosed Reindeer and James and the Giant Peach all have in common?

They're claymation characters who have captivated the world with the magical realities they bring to life! Tap into the incredible practice of stop-motion film production and learn the technique from the ground up. Claymation contains everything students need to create their own, individual movies, including top-quality clay, fun-to-use software, adorable cameras and amazing curriculum that turns anyone into a filmmaker.

Through cumulative daily projects, teamwork, technological literacy and a little bit of movie-making magic, you're sure to win awards at the film festival held the last day of class!

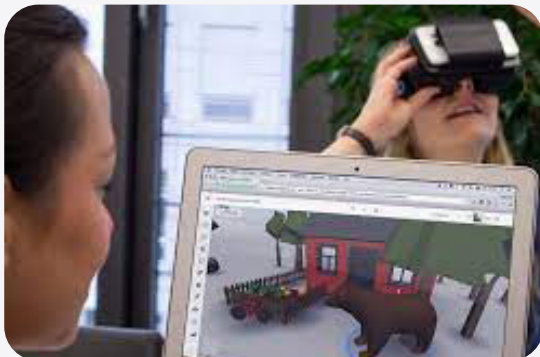
When you join our team, you're part of the family. We provide continuous training, marketing, and support to ensure a successful launch and continued growth. Our business model is simple, easy to grasp, and fun!





For example, they'll be able to make a 3D personal museum with their family history, then strap on VR goggles to walk through the museum.

entertainment and information this decade.



# NEXPLORE

## Video Production

1, 2, 3 Action!

Lights, camera, action! As the digital age continues to advance technology, making it more affordable and accessible to the public, it's never been easier to learn the art of filmmaking. Developed around tablets and free editing software to make filmmaking fun and approachable, Video Production empowers students with technical skills in video filming and editing while exploring the historical significance of film and the unique elements of storytelling.

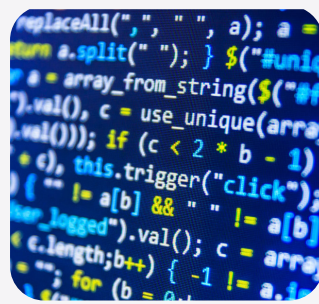
From storyboarding and the rule of thirds to lighting and audio, each activity builds upon the previous day, culminating in a final film project that movie-makers proudly share at the festival held the last day of camp. Participants fuse art and technological literacy together as they bring STEM to the silver screen in this extraordinary introduction to filmmaking!



# NEXPLORE

## Web design

This course will teach students the basics of building a website from scratch. They'll learn the two main languages for the web, HTML and CSS, using the CodeCademy platform and then go on to create an informative "How-To" website all on their own. Along the way, the instructor will challenge students with side projects and offline tasks to help them master these concepts



# NEXPLORE

## Art Rods

In our Art Rods Program your students will learn the basics of 3D design, sculpting and modeling which will release their creativity, and let their imagination go in this fun and engaging art program. We use an inventive and fun material called Art Rods which is a brand new modeling material, a foam rod with wire core which is perfect for prototyping inventions, creating art, teaching children alphabet letters, or assisting STEAM kids. It is fun, colorful, squishy, and an extreme creativity tool. Your students can make dozens of objects like Animals, Airplanes, Pencil holders, flowers and more. They will take home their creations to share with their family and friends.



# NEXPLORE

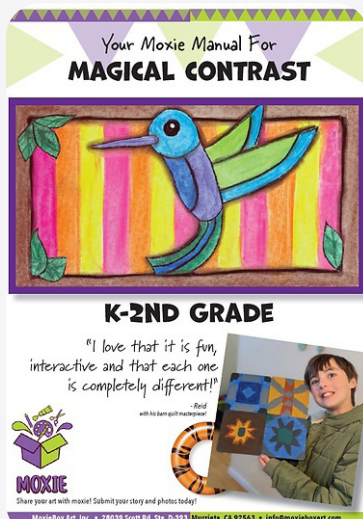
## Art in a Box



Art in a Box offers your young artist super fun art projects developed for ages 5 to 105 years old containing high quality supplies, a detailed, full color spiral bound instruction booklet, and more! Each lesson introduces a new medium and artist or movement to your child while inspiring individual, creative expression.

These activities enhance:

- Self-esteem, creativity, and self-expression
- Memory and visual processing skills
- Neural connections and problem-solving skills
- Development of motor skills
- All while having fun!



# NEXPL<sup>ORE</sup>

## Traveling Artist

Exploring The Cultures of The World.

Survey the history of art by carving totem poles in the Pacific Northwest, crafting Aztec masks in the heart of Mexico and experimenting with the artistic traditions of the world. In this thrilling Enrichment Program, learners take creative thinking and cultural awareness head-on as they examine the STEAM processes that make art possible.

To develop this program, we teamed up with an artist and art educator to embody the true insight of a creative mind and a multi-subject curriculum. In Traveling Artist, learners explore and reflect on the different cultures of the world through the depth of their history, legacy and incredible works of art.



# NEXPLORE

## Art

NEXPLORE ART is an interactive art program that explores fundamental art concepts such as color mixing, drawing, shading, texture, and more. Throughout the course, students will make fun, creative and age-appropriate projects using different media such as acrylic paint, water color, and oil pastels. Hands-on activities allow students to develop a joy in learning art, enhance their creativity and build upon their own strengths and interests.

### Art Around the World

In our Art Around the World course, students get to travel around the world exploring different countries and their cultures. They then make an artistic representation of something important from that culture.

Famous Artists Course students get to learn about different artists, their styles, and techniques. They then construct an artistic representation that emulates one of the artists' famous pieces of.

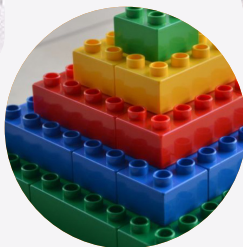


# NEXPL<sup>ORE</sup>



## BrickLab - Architecture

Travel through history investigating how ancient architectural breakthroughs led to the fundamental design elements we know today. From walls and arches to post-and-lintel building techniques, use hands-on manipulatives and multi-subject integration to inspect and duplicate design elements from around the globe. After the foundation's been poured, utilize the engineering design process to replicate some of history's most famous designs, then uncover how different societies made the stylistic, artful and structural considerations of construction and architecture through 12 reusable, one-hour lessons. Encourage creativity and guide learners towards STEM enrichment in BrickLAB Famous Architecture Around the World.



# NEXPLORE



## BrickLab - Magic Beans

### Enchanted STEAM Storytelling

Watch favorite folktales come to life as your students journey into exotic and faraway lands in magical worlds full of heroes and foes.

Capture imaginations with this STEAM enrichment program! From Jack and the Beanstalk to the golden touch of King Midas, BrickLAB Magic Beans brings fairy tales to life through thrilling engineering, language arts and collaborative communication activities. Designed with a focus on arts integration, each of the 12, one-hour lessons challenges students to boost fluency, vocabulary, comprehension and hands-on creativity as they work together to build the characters and stage props needed to act out the different folktales highlighted in every unit. Combine manipulative-based engineering activities with a sprinkle of magic and let fiction fly in BrickLAB Magic Beans.



# NEXPL<sup>ORE</sup>

## Fashion

Unleash your inner fashion designer! Learn how to turn your stylish dreams into a small-scale paper fashion collection. (No sewing machine required.).Also, Kids learn a variety of sewing skills using a variety of materials. Craft projects will teach kids how to sew a running stitch, blanket stitch, whip stitch, and how to decorate with embroidery. Kids will learn life skills they can use again and again on future projects.



# NEXPLORE

## Finance



Nexplore Finance takes a hands-on and fun approach to understanding money in the real world. Interactive and age-appropriate coursework empowers PreK-8th grade students to take positive financial action in their lives, thus, improving emotional wellbeing and overall health. Lessons include games, projects and activities that explore aspects of financial psychology, budgeting, saving, investing, income, career business, credit, debt, loans, risk management and insurance. Nexplore uses the NFEC curriculum because it balances practical and personal finance applications with core educational standards. The lessons are engaging, making financial literacy enjoyable and applicable for students of all ages!



# NEXPLORE



## Games

Nexplore Games is an innovative program that uses an internationally acclaimed selection of strategy and mind games to enhance 21st century life skills and teach students how to think, rather than what to think.

Our mission is to use award-winning selection of mind and strategy games from all over the world to teach a vast array of 21st century skills, addressing logic/reasoning, social, emotional, study skills, values, leadership, communication, science & environment, mathematics, reading/language arts, economy and entrepreneurship.

We believe, that, with this kind of thinking “tool kit,” Nexplore Games students will be better equipped to face the multiple, complex challenges of the 21st century. Nexplore Games is the bridge that connects the world of games to the real world. During the course, students reflect upon and learn meta-cognitive models, which are then applied to all walks of life and scholastic achievements.

Our methodology to “Play. Learn. Apply.” approaches the education process as a fun, informative and transferable experience. The Nexplore Games curriculum and methodology is inspired by Aristotle’s appreciation of play, David Perkin’ Transference Theory, Howard Gardner’s Multiple Intelligences Theory and Herbert Simon’s Understanding Process: Problem Isomorphs. Each of these theorists contributes valuable ideas supporting the importance of using games to develop skills that can be applied to real life.



# NEXPLORE

## Magic

Welcome to the world of Magic where every child is a star! In this unique course, students build self-confidence, performance skills, and theatrical charm to wow their audience with tricks from their very own magic kits! New to the world of magic? This is the perfect place to start! This course offers an experienced instructor, a step-by-step guidebook, and access to tutorial videos so children can continue their practice at home. Plus, all our stars will have a chance to shine by performing their new skills for family and friends in an end-of-session magic show!



# NEXPLORE

## Music

In our Music course, your students will combine the joy of making music with fun activities and games using these colorful tubes called Boomwackers®.

What is a boom whacker? Well, it's a stick which, when whacked, plays a musical note. It's as simple as that. Boom whackers enhances learning by integrating music and movement

Boom whackers are lightweight, hollow, color-coded, plastic tubes, tuned to a musical pitch by their length and when you whack them and they create a unique sound.



# NEXPLORE



## Zumba

Zumba® Kids and Zumba® Kids Jr. classes are designed to combine movement, music, community and a healthy lifestyle for children. These fitness classes are rocking, high-energy dance parties packed with specially choreographed, kid-friendly routines and all the music kids love, like hip-hop, reggaeton, cumbia and more. Zumba® Kids and Zumba® Kids Jr. inspire kids to express themselves through movement and play while effectively improving their overall health and well-being. Kids love it because it's on the cutting edge and fun. Parents love it because of the effects it has on kids: increasing focus, building self-confidence, boosting metabolism, creating nutritional awareness and enhancing coordination.

All classes are offered by a certified Zumba® Kids instructor.

Zumba®, Zumba Fitness®, Zumba Kids® logos are trademarks of Zumba Fitness, LLC. Empowered by Nexple.



# NEXPL<sup>ORE</sup>

## Capoeira

Capoeira is an Afro-Brazilian martial art that combines elements of combat, acrobatics, music, dance and rituals in a very elegant and dynamic way. During a Capoeira session, students will learn martial arts techniques, discover acrobatics, play musical instruments and explore cultures. Capoeira improves coordination, builds flexibility, enhances concentration, boosts self-confidence and promotes an active lifestyle. This unique technique and educational approach to fitness makes Capoeira a martial art like no other!



# NEXPL<sup>ORE</sup>

## Flying Discs

Lift. Thrust. Drag. Gravity!

Since 700 B.C., flying discs have been making a name for themselves. In this high-flying program, students zoom through the disc's historic past while learning valuable physics concepts. While enjoying the fresh air, they investigate how discs are only able to fly because of spin (lift), angular momentum (thrust), shape (drag) and weight (gravity). With different shapes and sizes of flying objects, participants learn the most effective throwing, flying and catching techniques, gaining a crucial understanding of the four forces that affect all objects in flight.

During this 12-lesson program, learners capture a thorough knowledge of founding physics concepts, capping off the last day with an exciting game of STEM ultimate frisbee to test their newly acquired skills!



# NEXPL<sup>ORE</sup>


## Sports Science

### The Mechanics of Movement.

With near-perfect pitches, swings, kicks, strokes and sprints, an athlete's skills come down to countless hours of practice and a whole lot of science. Designed to excite students by bringing STEM into their favorite activities, this program thrives on action-packed learning experiences. Each day, learners investigate the mechanics of a different movement, connecting STEM concepts, like force, motion and the influence of gravity, to the movement of their own bodies. What does friction have to do with soccer? Why would a football player need to know about unbalanced forces? How would an Olympian hold up against a kangaroo in the long jump? Answer these questions and so much more in Sports Science!



# NEXPLORE



## Etiquette

Teaching Children the Proper Manners and Etiquette They Need to Succeed in Life

First impressions matter – at any age.

That's why good manners and etiquette are so important. When we teach children how to behave courteously and attentively toward others, we equip them with valuable tools that help them thrive in any social scenario. Their self-esteem increases. They are more confident interacting with others, even in unfamiliar situations.

They are more likely to leave a lasting positive impression in people's minds. And it becomes so much easier for them to achieve success in their lives.

How a Student Behaves Can Impact Their Entire Academic Career

As parents and educators, we all know how important it is for students to understand how to behave appropriately in different social situations.

Students who demonstrate basic etiquette and social skills – and show respect and consideration for others – create a more positive impression in the eyes of their peers and the adults in their lives. As a result, they are more likely to be presented with opportunities that allow them to grow and thrive. Nexple Etiquette curriculum makes it fun and easy to teach students grades K-8th these skills and prepare them for success throughout elementary school, middle school, and beyond.

Explore our manners and etiquette lessons below to see how Nexple can help children develop the social skills they need to create brighter futures for themselves.



# NEXPL<sup>ORE</sup>

## Aditonal Programs

Nexplore also features the following programs and services. Please ask our Education Consultant how can we customize the following programs to meet your needs:

Music with HandBells  
Martial Arts  
Ballet  
Yoga  
Chess  
Nutrition and Wellness  
Sport  
Theatre  
Spanish  
Mandarin





For more information on how Nexpleore can  
spread the Joy of Learning at your site  
Visit: [www.nexpleoreusa.com](http://www.nexpleoreusa.com)

