

"HANDS-ON" Science & Art

PRE-SCHOOL

ENRICHMENT PROGRAM



Register
now!



Make. Create. Innovate..

1(844) 265-9880

www.STEAMworksstudio.com

Ages 4-6 years

NOW ENROLLING for March 1st, 2015 session



Our Vision

STEAM Works Studio aims to deliver a balanced, **STEAM** focused education that equips and empowers our young learners with the skills, knowledge, and experience vital for success in the 21st Century. Our students will become innovators, pacesetters, and visionaries who are able to stand out amongst their peers in the 21st Century marketplace.

Our Mission

Spark creativity and bolster a deep interest in Science, Math and Arts in children and young adults through hands-on practical learning by "Making"!



Why STEAM Works Studio?

Our Academy is uniquely focused towards fostering and developing essential 21st Century and **STEAM** (Science, Technology, Engineering, Arts and Mathematics) skills like problem-Solving, Critical thinking, Creativity and Collaboration in a hands-on and practical but fun learning environment. We believe that "Making" can transform the way we all learn.



8 UNIQUE THINGS ABOUT US

- ▶ Our hands-on STEAM based curriculum prepares your child for School in a **comprehensive, fun and engaging** way. Reading, Writing and Math learning is interspersed in every single activity we do.
- ▶ Being part of a larger **STEAM** Education provider organization leads to continuous new fun activities and programs including **Robotics, Animation and Computer programming** Education.
- ▶ We offer **continuous assessment** data that tracks your child's progress. You receive daily communication written and verbal, including their activities and development.
- ▶ Our instructional methods are unique as in a combination of hands-on Science, Math and Art based **experiments** and **activities** while maintaining a solid emphasis on reading, writing and **homework**. Cooking, painting, drawing, music and Crafts are other exploratory activities we continuously encourage.
- ▶ Our passionate and caring teachers have **years of classroom experience** and specifically have training and certifications for early childhood education for the 4-6 years age group.
- ▶ Developing **Social skills** such as getting along, sharing and taking turns are taught along with developing their confidence, self esteem and love of learning
- ▶ **Secure Access** and Pickup/Drop-off procedures
- ▶ Optional **Transportation facility** from School or home at discounted rates within a five mile distance

Developmental Skills (4-6 years)

Social Skills

- ✓ Uses words to solve problems or conflicts
- ✓ Uses words like “Please”, “Thank you” and “Excuse me”
- ✓ Adjusts to new situations
- ✓ Attempts new tasks knowing it’s okay to make mistakes
- ✓ Shows pride in accomplishments
- ✓ Follows a simple direction
- ✓ Stays with an activity to completion
- ✓ Asks for help
- ✓ Interacts appropriately with adults and peers
- ✓ Respects the rights, property and feelings of others
- ✓ Works cooperatively (listens to others, shares and takes turns)
- ✓ Demonstrates increasing self-control
- ✓ Participates in clean-up activities
- ✓ Takes responsibility for own belongings (lunch, coat, etc.)
- ✓ Is able to dress self if required (Tie shoes)
- ✓ Adheres to a routine and schedule for personal hygiene, eating meals
- ✓ Uses good hygiene habits and table manners
- ✓ Uses appropriate bathroom skills
- ✓ Follows simple safety rules
- ✓ Offers to help peers and family
- ✓ Tries to regulate emotions properly and articulates feelings in words



Motor Skills

- ✓ Puts puzzles together
- ✓ Cuts with scissors
- ✓ Holds and uses crayons, markers, pens and pencils correctly
- ✓ Builds using blocks
- ✓ Tries to tie own shoes
- ✓ Bounces, kicks, throws and catches a ball
- ✓ Enjoys outdoor/indoor activities, like running, jumping and climbing

Developmental Skills (4-6 years)

Math Skills

On any given day, your child and her/his preschool pals divide cookies or pretzels into equal piles for snacks. They weigh the class rabbit and measure the length and width of its cage. They build bridges and tall towers with wooden blocks. They string beads into colorful patterns. They learn to balance a seesaw when one child is heavier than another. Math is helping them to make sense of the world around them and teaching them to reason and problem solve. It's not limited to a specific period or time of day instead it is a natural part of young children's play and daily activities. They explore mathematical concepts as they sort, classify, compare quantities, balance blocks, notice shapes, and find patterns.

- ✓ Numbers: Children learn about numbers by counting objects and discussing the results: "You gave Chris six goldfish crackers. How many does Susie need?"
- ✓ Geometry and spatial relations: Constructing shapes and discussing their properties. They see skinny triangles and fat triangles and upside-down triangles
- ✓ Measurement: Children compare the height of a block tower with the height of a desk or table.
- ✓ Patterns/geometry: Children become aware of patterns in their clothes. They learn to recognize patterns of different colors and sizes in beads and blocks.
- ✓ Analyzing data: Children sort objects by color, size and shape; count them; and record the data on graphs and charts.



English/Spanish Language/Literacy Skills

- ✓ English Language/Arts and Literacy standards such as actively engaging in group reading activities
- ✓ Basic phonetics
- ✓ Alphabet and simple word writing skills for preparing for Kindergarten are fundamental learning blocks our curriculum integrates on each activity and project
- ✓ Basic numbers and daily use words in Spanish



Pre-K Enrichment TUTION FEES

Monthly Tuition Fees	5 Days	3 Days
3 Hour Pre-K Enrichment 9:00 AM- 12:00 PM	\$525	\$315
3 Hour Pre-K Enrichment 1:00 PM- 4:00 PM	\$525	\$315

Please note:

- Our 3 hours sessions are available Monday to Friday
- Early Drop-off is \$25 per day
- Security deposit of one month's Tuition Fees is due while signing
- The Tuition fees is due by the 3rd of each month.

Required:

- Ages 4-6 years.
- Potty Trained.

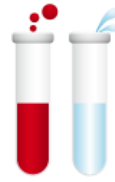
Optional Ride Service:

- \$425 per month (for 5 days a week round-trip/both ways for addresses within 5 miles)
- \$315 per month (for 5 days a week one way for addresses within 5 miles)

Please send an email to enrichment@steamworksstudio.com for questions.



Children need safe enough environments in which to play and explore. They need free access to tools, ideas, and people (including playmates) that can help them along their own chosen paths.



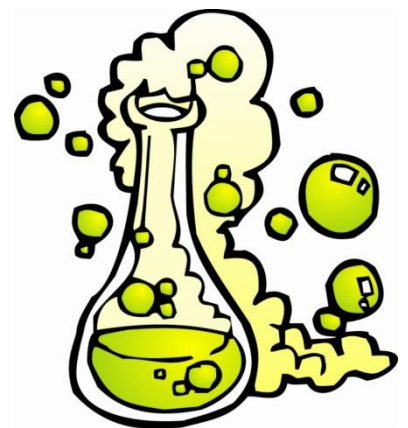
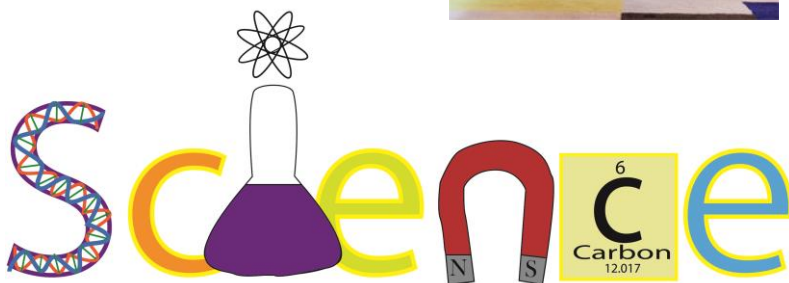
Science



Young children explore setting up their own live Terrariums!

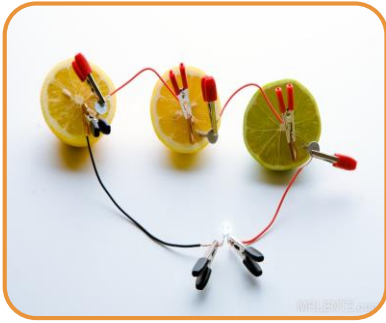


They explore properties Of Light, Lenses & Optics Make colorful Periscopes Kaleidoscopes!





Technology



Lemon Batteries

Technology is used as a tool to support students in performing authentic tasks, the students are in the position of defining their goals, making design decisions, and evaluating their progress.

Children are actively making choices about how to generate, obtain, manipulate, or display information.

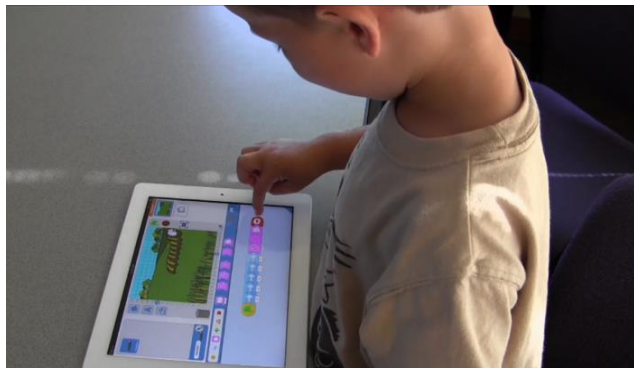
Potato Clock



They stimulate so much active mental work on the part of students.



LED Glow Bugs



Coding is the new literacy!

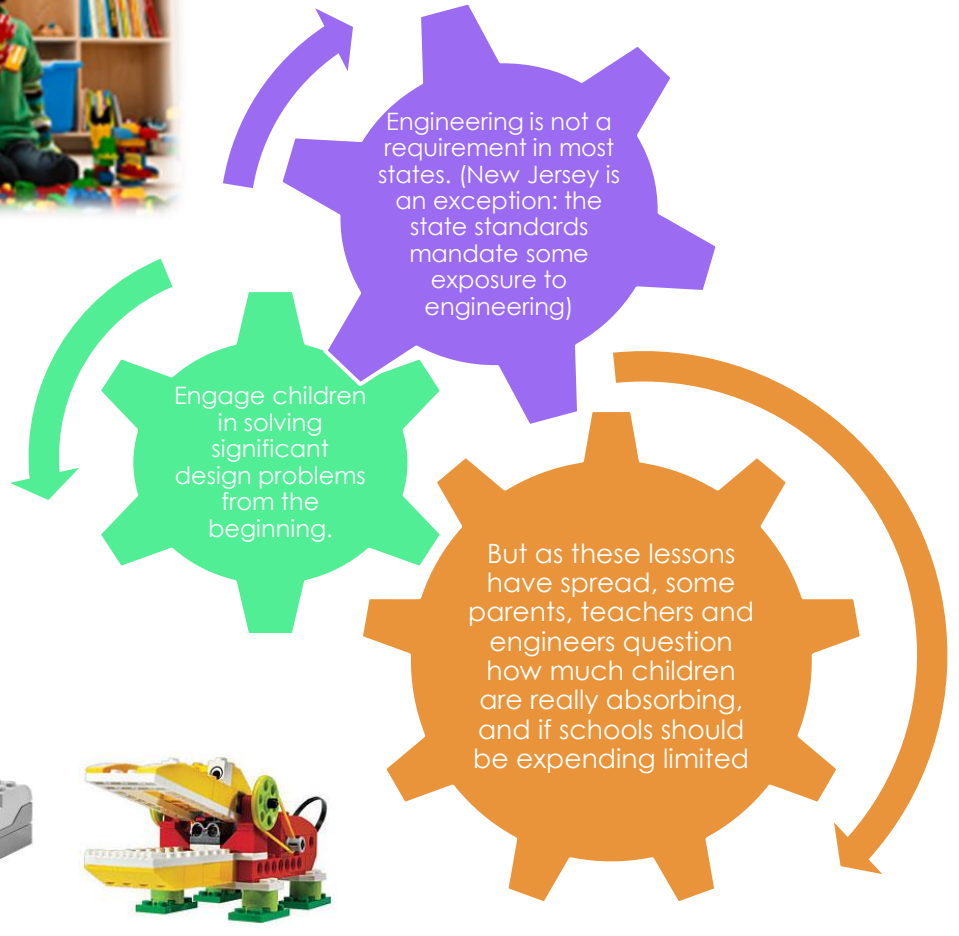
We teach Scratch Jr. Young children (ages 4-6) can program their own interactive stories and games. Children drag program blocks on iPads to create programs that animate characters or make sounds. In the process, they learn to solve problems, design projects, and express themselves creatively on the computer.



TECHNOLOGY

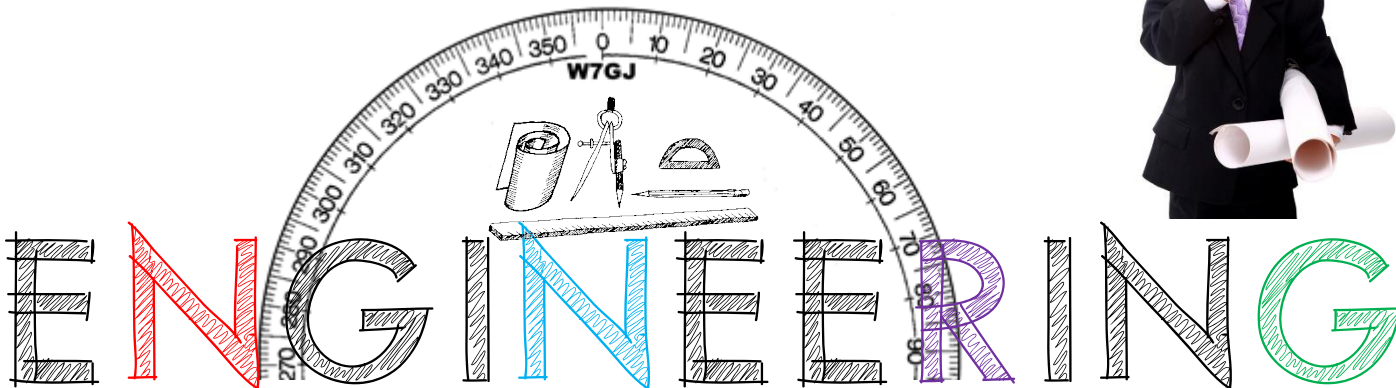


Engineering



JUNIOR ROBOTICS

We use easy-to-use LEGO sets that introduce young students to robotics. Students will be able to build LEGO models featuring working motors and sensors; program their models; and explore a series of cross-curricular, theme-based activities!





Art



Art teaches children about design, color, shading, perspective, shadows, lighting, composition & various artistic techniques



Involvement in the arts is associated with gains in math, reading, cognitive ability, critical thinking, and verbal skill



Art connects children more deeply to the world and open them to new ways of seeing.

Arts learning improves motivation, concentration confidence, and teamwork



- Drawing
- Painting
- Crafts
- Music Instruments
- Language Arts





Math

Teaches Logical and Critical Thinking

Preschool math helps make sense of the world around them and teaches them to reason and problem-solve.

Understanding one-to-one correspondence (i.e., matching sets, or knowing which group has four and which has five)

Uses comparison words, like "bigger," "smaller," "heavier," etc.

Can distinguish numbers from letters, and understands that numbers relate to quantity

MoreToMath

Problem solving

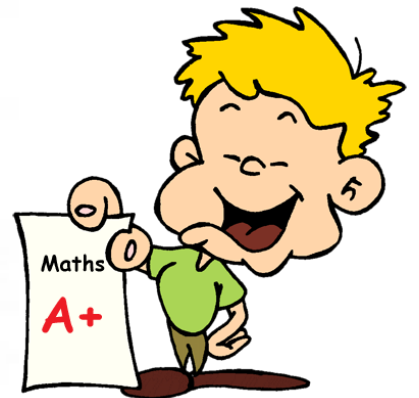
Reasoning

Perseverance

Precision

Modeling

Representation



LETTER FROM THE TEACHER



IN OUR CLASSROOM



**WE
RESPECT
EACH
OTHER.**

**WE
TRY OUR
BEST.**



**WE
ARE A
TEAM.**

**WE
LEARN
FROM
MISTAKES.**



**WE
CREATE.**

**WE
CELEBRATE
EACH
OTHER'S
SUCCESS.**



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