

## Fall 2018 Class Offerings

### DISCOVERERS

**Little Builders:** Learn about building & construction by using open ended building materials & read stories about building/construction. Crafts about tools, construction & building. Duplos, wooden train tracks, Magnatiles, peg stackers, wooden blocks, play silks forts, etc

**Fun with nursery rhymes:** Each week we will learn about a new nursery rhyme! There will be reading, memory work, fine motor activities (coloring, cutting, play doh, etc.), gross motor (jumping, running, body movement), and some music mixed in. We will learn to follow directions and have fun together!

**Kindermusick:**

### EXPLORERS

**5 senses/the body:** We'll use books, music and crafts to learn about the 5 senses and the body.

**Letter of the week:**

### ADVENTURERS

**Five in a Row:** Class will utilize the Five in a Row curriculum. Each week we will use a book from the curriculum. Activities will be centered around the book and very hands on with sensory bins, cooking, crafts, and history.

**Fine Motor & Playdough:** (\$10 Fee) Each week will have a fine motor activity (tracing, cutting, stringing beads, etc.), a themed playdough mat, and free create time with playdough. Students will come home each week with a laminated playdough mat and container of playdough.

**Gail Gibbons Science:** Gail Gibbons is a non-fiction children's writer and illustrator. Each week we will read one of her books to explore a science topic and then do a project. Possible topics include: reptiles and amphibians, ecosystems, space, insects and spiders, marine life, mammals, birds, plants, etc.

### CREATORS

**My Body:** Students will learn about different parts of their body (hands, feet, ears and nose, teeth, bones, heart, brain, taking care of me, and a week on germs/staying healthy). We'll use hands on activities, art projects, creative snacks, songs and stories each week.

**Fun and Games:** Games and activities will focus on cooperation, balance, coordination, and having fun. Patience, taking turns, helping, following directions would be developed, as well as bodily awareness and physical movement skills.

**Colonial America:** Come back in time to learn about early America. We will be doing activities of what it was to live back then, such as their food and games. Along with stories and worksheets we will learn about live in America between 1607 and 1776.

## **VOYAGERS**

**Literature:** We will read Mary Poppins aloud in class and watch scenes from the movie to compare/contrast and do fun activities (chalk drawings, decorate gingerbread, make a kite, etc)

**Hands-on Earth Science:** (\$5 Fee) Make a model of the Earth. Study rocks and minerals. Perform experiments with water and dirt. Learn about atmosphere and extreme weather. This class is all about our planet Earth. Every week we will learn about a new concept like the Earth's layers or the water cycle, and complete a hands-on activity or experiment.

**"Science Factory: Air and Flight":** Based on the book. Air is the force behind much in life, and we will learn about things that respond to air movement and why they do. These are simple crafts but fun. Some are making a windmill, a whirly gig, building your own glider, a small hovercraft, a small hot air balloon, and more. Students may be asked to bring in supplies (mostly household).

## **PHILOSOPHERS**

**Baking Class:** (\$10 Fee that includes the decorating tips that the kids get to keep) Kids will learn how to bake cookies, cakes and quick breads. This includes decorating a cake as well.

**Literature:** This class will vote on a book to read for the semester. We will discuss our readings and watch clips of the movie created from the book. We will focus on characters, compare/contrast, etc. Book options: Mary Poppins, Matilda, Jungle Book, etc.

**Weird Instruments:** This music appreciation class will focus more on unusual instruments, possibly including bagpipes, the didgeridoo, jaw harp, violincello da spalla, and more. We will be watching videos and listening to clips of these instruments to see how they are played. Basics on the major groups of instruments will also be taught alongside those lesser known instruments. If possible, I will have guest speakers giving demonstrations of how to play certain instruments and the students will be able to play some music of their own.

## **INVENTORS**

**MythBusters:** From "Airplane on a Conveyor Belt" to "Tablecloth Challenge", learn the science behind these and most importantly - EXPERIMENT to see whether the myths are plausible or whether they are busted.

**Spies of the Revolutionary War:** Maybe you've heard that George Washington commanded the Continental Army during the American Revolution, but did you know he was also a spymaster? Perhaps you know that Benjamin Franklin was a writer, inventor, and statesman, but did you know he also outsmarted secret agents? In this class we'll learn about the secret side of the Revolutionary War. We'll uncover spy rings, double agents, and triple crosses. We'll study spy craft and practice the same techniques used hundreds of years ago to send and receive messages. Together we'll discover the story of America's first spies.

**The World of Roald Dahl:** Explore the literature of Roald Dahl in this fun class. We will study literary elements such as metaphor/simile, personification, etc. Dahl's novels are all a bit whimsical with short chapters and full of fantastic characters. For this age, I would focus on the following books: James and the Giant Peach, The BFG, and Charlie and the Chocolate Factory. Students will have reading assignments outside of class.

### **MENTORS**

**Game Theory:** Have you ever needed to know what your best move is if you are arrested with a friend? Curious to find out how to develop a strategy that will guarantee you win most of the time at Rock, Paper, Scissors? Ever been confused how some countries can make other countries conform to their wishes? Want to know how militaries decide which strategy is best? Or just interested in how magazines decide what price to charge? Well, Game Theory has answers to all of these questions. Game Theory is a type of mathematics (don't worry, you won't have to add or anything) that has been developed to assist in decision making in fields such as economics, philosophy, computer science, biology, and international diplomacy. Check out this video for a brief introduction- <https://youtu.be/YueJukoFBMU> In this class, we will play a number of "games" and focus on players developing their own dominant strategy by taking into consideration both their own and their opponents' best moves.

**Mapping the World by Heart:** In this class, we will be studying world geography in an effort to memorize the world! The goal of the class is to be able to draw from memory a map of the earth, labeling all countries and capitals. This class will be lots of work, but tons of fun. During class time, we will play memory games (as well as use mnemonics and songs) to learn country names, shape, placement, and capitals. And, we will have incentives for students who put in the work of memorization and reach various benchmarks throughout the semester. For our "final exam," each student will be handed a blank sheet of paper and will be asked to map the world by heart!

### **SCHOLARS**

**Game Theory:** Have you ever needed to know what your best move is if you are arrested with a friend? Curious to find out how to develop a strategy that will guarantee you win most of the time at Rock, Paper, Scissors? Ever been confused how some countries can make other countries conform to their wishes? Want to know how militaries decide which strategy is best? Or just interested in how magazines decide what price to charge? Well, Game Theory has answers to all of these questions. Game Theory is a type of mathematics (don't worry, you won't have to add or anything) that has been developed to assist in decision making in fields such as economics, philosophy, computer science, biology, and international diplomacy. Check out this video for a brief introduction- <https://youtu.be/YueJukoFBMU> In this class, we will play a number of "games" and focus on players developing their own dominant strategy by taking into consideration both their own and their opponents' best moves.

**Theatre Class:** Students will be brought through all different parts of theatre. Improv, script writing, public speaking/monologue, prop and stage art, makeup, back stories etc

**Writing Poetry:** Students will read a variety of poetry forms and have fun experimenting with these forms themselves, including the opportunity to assemble their own poetry chapbooks at the end of the term. The main text we will use is Writing Poetry by Barbara Drake, now out of print but available for around

\$3/copy on [abebooks.com](http://abebooks.com). For the chapbooks, they will simply need to be able to type up and print their work.