

2019-20, Quarter 1, Sept. 9-Oct. 23. Ages 6-10

Class	Day	Time	Duration	Teacher	Ages	Cost	Room	Description
America on Trial Part 1: The Founding Fathers	M	9:00 AM	1 hour	Robert Daniel	9+	\$100	Lounge, 3 rd Floor	Has America lived up to it's founding principles? (What were those principles anyway? Are they still relevant today?) You are going to put America's Founding Fathers on trial. Your job as the defense team or the prosecution is to prepare for the trial debate by learning all you can about Colonial America and the revolution. One adult guide is acting as your librarian of American colonial history. Evidence will come in many forms, both documentary and visual. Your task is to make sense of it all and defend your position in the trial - debate on the last day of the course. Future Quarters will examine other periods of American history.
Ukulele	M	9:00 AM	1 hour	Let's Play Music	8+	\$100	Fellowship Hall	The ukulele is an instrument that is easy to learn and fun to play! Learn the basics of the ukulele playing and learn songs right away. Songs will span the decades and will include recent popular songs and Disney hits. No experience is necessary but it is strongly recommended to have your own ukulele. Instruments are available for purchase from Let's Play Music for \$25.
Zombies! Ages 6-9	M	9:00 AM	1 hour	Unchartered	6 to 9	\$140*	Room C, 1 st Floor	In a fun integration of art and science, students will build projects around human anatomy including brains, skulls, gingerbread zombies, x-Ray hands, zombie animal drawings, life size anatomy drawings, working lungs and more!
Interconnectedness	M	10:00 AM	1 hour	Robert Daniel	9+	\$100	Lounge, 3 rd Floor	In a series of educational escape room challenges, explore how humans are interconnected with each other and with nature. How and why do human beings use the environment to solve problems for each other? Answer that question by living it! Each class explores one vital concept in the history of human cooperation. Each class consists of a timed thirty minute escape room challenge and an age-appropriate introduction to a different seminal work from history: Durkheim's Division of Labor; Hayek's extended order; Locke, nature in common; Marx' idea of class; Mises' concept of Human Action; and Rand, Reason as our guide.

Multiplication Madness	M	10:00 AM	1 hour	Nicole Ignacio	7 to 10	\$100	Room E, 1 st Floor	We all know that math literacy is important for kids, but too often they feel disconnected when math is presented as just problems on a page. Some kids learn better with movement, some with stories, some by talking through ideas. This class will utilize a multi-sensory approach to introduce kids to multiplication. With movement, games, art, story-telling, and writing all utilized in fun and creative ways, multiplication will be presented to help every child connect to the concepts. Multiplying by single digits, zero, and multi-digit multiplication will be introduced. As a note to parents, manipulatives will range from Hershey candy to nature items. Any allergies or preferences should be specified at registration so the teacher can accommodate. With candy, children will be allowed to eat one Hershey Kiss at the end of a few classes. Allergy alternatives will be provided. The prerequisite for this class is that kids know how to add and subtract.
Music Exploration	M	10:00 AM	1 hour	Let's Play Music	6-10	\$100	Fellowship Hall	In this introductory course for children, exploration of music will occur. Students will learn about singing, trying different instruments, and age appropriate music theory. This course is by through Let's Play Music, which offers a comprehensive music and visual art program with locations in Derry and Manchester.
Advanced Ukulele	M	11:00 AM	1 hour	Let's Play Music	8+	\$100	Fellowship Hall	The ukulele is an instrument that is easy to learn and fun to play! This class is for the student with at least six months of ukulele playing who has mastered the basics. Songs will span the decades and will include recent popular songs and Disney hits. It is strongly recommended to have your own ukulele. Instruments are available for purchase from Let's Play Music for \$25.
Aesop's Theater	M	11:00 AM	1 hour	Nicole Ignacio	7 to 10	\$100	Room E, 1 st Floor	Story-telling is a great way for kids to connect the dots to reading and writing fluency. By listening to fables and learning about the lessons found in them, children engage at one level. When art, movement, writing, discussion, and games are added, the engagement grows. Each class will be centered around an Aesop Fable and will involve multi-sensory methods to meet kids at their skill levels to expand their reading and writing skills.
Survival	M	11:00 AM	1 hour	Thrive Outdoors	8 to 11	\$100	Rood D, 1 st Floor	Things happen fast in this modern day world, and sometimes it is hard for people to keep up. Add an emergency, or 'survival' situation, and often we are at a loss. In this class we will go over the "Big 5" principles of survival, the "6 C's", and the "Rules of 3". Students will learn why each is important, how being prepared for an emergency situation can also prepare them for everyday life, and what it means to not only survive, but to 'Thrive' everyday. This course is great for beginners but welcomes any experience level. We will get the foundations of team building and learn how to work with what we have through games,
Zombies! Ages 9-13	M	11:00 AM	1 hour	Unchartered	9 to 13	\$140*	Room C, 1 st Floor	In a fun integration of art and science, students will build projects around human anatomy including brains, skulls, gingerbread zombies, x-Ray hands, zombie animal drawings, life size anatomy drawings, working lungs and more!

Entrepreneurship for Kids, Ages 8-14	M	1:00 PM	1 hour	Sharon Osborne	8 to 14	\$100	Room D, 1st Floor	"Genius is one percent inspiration, ninety-nine percent perspiration." Who said it? What does that even mean? Thomas Edison, famed inventor and entrepreneur is best known for his light bulb. But he also formed the first of his kind research laboratory and honed the techniques to bring his ideas to the world. Edison may be one of a kind, yet even the smallest idea, a cookie recipe, a better way to sort recycling, or a platform for children to positively interact online, can change the world. This class will look at famous entrepreneurs, discuss basics of supply and demand, explore how to bring kids' ideas to the marketplace, and contend with the obstacles along the ways. The second quarter will build upon the first with a market day in December for kids to showcase their ideas.
Historical Dungeons & Dragons	M	1:00 PM	1.5 hours	Robert Daniel	9 to 14	\$150	Lounge, 3 rd Floor	Learn about ancient civilizations by playing D & D. Choose a hero from ancient history to investigate the most mysterious site of an ancient civilization in this sensory-integrated learning-based style of the famous role playing game...and please try to get along with your allies and not get them killed. If you don't know how to play, not a problem: You will learn as you go. A new campaign, a new civilization every seven weeks. This semester: learn about Aztec culture in The Secret Tunnels of Teotihuacan. Students can register for as many classes as desired.
Improv Comedy, Ages 10+	M	1:00 PM	1.5 hours	Jon Pawelko	10+	\$150	Room C, 1st Floor	Improv Comedy. For ages 10+, no experience is required. This high-energy class will cover several elements of the improvisational process through Improv games. Have fun while increasing confidence and improving communications skills. Develop interesting characters and action-packed scenes in a nurturing environment.
Choir for Kids, Ages 6-13	W	9:00 AM	1 hour	Let's Play Music	6 to 13	\$100	Fellowship Hall	Choir enhances a child's ability to understand music in many ways. They learn about reading music, auditory skills, working together, vocal ranges, pronunciation, and stage presence. Choir can help with performance anxiety as the spotlight is not on one singer, but what comes out of the group. This class will serve as an introduction to the basics of choir, but kids with experience are encouraged to join as well.
Civics, Ages 8-14	W	9:00 AM	1 hour	Kathryn Michelotti	8 to 14	\$100	Room A, 3rd Floor	If I Ruled the World-A Civics Class . . . Have you ever thought about what the world would be like if you were in charge? Do you think you'd do a better job than any president we've had since you've been born? Do you think there should be a law protecting children from eating Brussels sprouts? This is the class for you! Bring your imagination and get ready to build your own world with your classmates. It's fun to play "zombie apocalypse," but have you ever wondered what would happen after? Would all people have the same resources
Life Sciences, Ages 6-12	W	9:00 AM	1 hour	Renaissance Kids	6 to 12	\$140*	Room C, 1st Floor	In this 7 week workshop offered by Renaissance Kids of Derry, we will learn all about the life sciences. This class will touch on the many areas such as plant and animal science through hands on experimentation and classroom instruction. There will be fun take home projects which are sure to make this an effective and memorable workshop.

Wonders of the World, Ages 6-10	W	9:00 AM	1 hour	Brickapalooza	6 to 10	\$100	Room D, 1st Floor	Wonders of the World takes many of the Engineering Wonders of the World from various lists to make our own list of wonders that will both captivate your child's imagination as well as teach them about new and old engineering accomplishments, how they work, and how they were built. We will have a different theme introduced each week. In all cases children are encouraged to think "outside the box", experiment, test, and improve on their solutions. We are also open to your suggestions for a Wonder of the World that we could add to our list of class subjects.
Gameschooling, Ages 8+	W	10:00 AM	1 hour	Kathryn Michelotti	8+	\$100	Room A, 3rd Floor	The benefits of playing board games include learning strategy, social skills, executive functioning, memory formation, increasing logical skills, managing disappointment, negotiation, spatial awareness, and goal setting. The games we will be offering cover all ranges of topics from history and science, to strategy, math, and English. Games selected each class will be based on the interests, ages, and abilities of the students. Example games can include Risk, Catan, Q-Bitz, Hexago Continuo, Rush Hour, chess, checkers, Prime Climb, and more. Feel free to bring your favorite games to share as well.
Lego Remote Control Vehicles, Ages 8-14	W	10:00 AM	1 hour	Brickapalooza	8 to 14	\$100	Room D, 1st Floor	In this class your child will work in a group to build a base LEGO Remote Control Vehicle and will modify it each day into a Crane, Forklift, Digger, and a vehicle of their choice. Teamwork is always a major component of all our classes and helping each other in a friendly and encouraging way is always a goal. At times, we may switch up groups, this can be done for a variety of reasons and is rarely, if ever, used as a punishment. It is to create different dynamics and foster a positive work environment for the success of all.
Physical Sciences, Ages 6-12	W	10:00 AM	1 hour	Renaissance Kids	6 to 12	\$140*	Room C, 1st Floor	In this 7 week workshop offered by Renaissance Kids of Derry, we will learn all about the physical sciences. Through hands on experimentation and classroom instruction, we will learn about the many areas of physics and cover topics such as gravity, potential and kinetic energy, and much more. There will be fun take home projects which are sure to
Animal Behavior, Ages 6-11	W	11:00 AM	1 hour	Kathryn Michelotti	6 to 11	\$100	Room A, 3rd Floor	Have you ever seen the different ways cats and dogs drink water? Did you know that cows and deer have 4 "stomachs?" Do you know where baby bunnies and chickens come from and what their names are? In this introduction to animal behavior we will talk about the names of animal families, the classification of mammals, the care and feeding of wild and domestic animals, and follow any animal paths that our questions and curiosity lead us down. Learners should be ready to watch videos, act and sound like animals, create with various mediums, and get messy.
Intro to Theatre & Performance, Ages 6-12	W	11:00 AM	1 hour	Christina Knickerboker	6 to 12	\$100	Fellowship Hall	This course teaches students the foundations of theatrical performance, which include building skills in movement, voice, and diction, with the goal of rehearsing and performing polished pieces. These pieces include monologues, scenes, and movement pieces. The second quarter class, for which students need to register separately, will involve work on pieces for a public performance recital in December. In addition to teaching students specialized skills, this course will help build confidence and expression.

Learn Math Through Visual Arts 9+	W	11:00 AM	1 hour	Robert Daniel	9+	\$100	Lounge, 3 rd Floor	Art and nature are mathematical. The many principles used in creating visual art are also mathematical skills. Come learn them by making art. Each week we will learn a new artistic concept: Proportions, perspective, ratio, fractal geometry, angles, number patterns in nature and higher dimensions. Every seven weeks, we will repeat this course learning a new art medium.
Historical Dungeons & Dragons Ages 9-14	W	1:00 PM	1.5 hours	Robert Daniel	9 to 14	\$150	Lounge, 3 rd Floor	Learn about ancient civilizations by playing D & D. Choose a hero from ancient history to investigate the most mysterious site of an ancient civilization in this sensory-integrated learning-based style of the famous role playing game...and please try to get along with your allies and not get them killed. If you don't know how to play, not a problem: You will learn as you go. A new campaign, a new civilization every seven weeks. This semester: learn about Aztec culture in The Secret Tunnels of Teotihuacan. Students can register for as many classes as desired.
Vex Robotics, Ages 9+	W	1:00 PM	1 hour	Nate Glaser	9+	\$100	Room C, 1st Floor	Using a VEX IQ kit and Modkit programming, students will build and program task-oriented robots. Working collaboratively, learners will conceptualize and construct an obstacle course and/or task for a robot to complete. They will then build the robot and learn to program it to overcome the obstacle course or complete the task. Students will work in teams, and every team will get time to design, build, and program. Students are encouraged to watch YouTube videos on past VEX robotics builds and competitions. Students who wish to play with Modkit at home are welcome to download the software onto their iPads or computers. This class will be offered again second quarter, where kids can investigate starting a team.
Drumming, Ages 8+	W	2:00 PM	1 hour	Let's Play Music	8+	\$100	Room C, 1st Floor	Students will learn drum set basics: how to play a rock beat, how to play with a recording, and how to play in a band. Any student may participate in the class. The class will be in a "master class" format. There will be one drum set and students will each have an opportunity to play on it after instruction. Students will need to provide their own sticks.