

# LabSpace Spring Schedule 2019



(573) 645-0800

Register at [www.LabSpaceRobotics.com](http://www.LabSpaceRobotics.com)

[LabSpaceRobotics@gmail.com](mailto:LabSpaceRobotics@gmail.com)

## Music and Making- Pre-K

Join us Wednesday mornings from 10-11:15 for some fun maker and play experiences and then a short sing along. We'll rotate between playdough, painting, science experiences, and art projects. Projects will be gear to ages 3+ but may be enjoyed by younger and older children. Adults should stay and participate in play with their child and also get to have some "grown-up" conversations. Tuition is \$4 per maker with a max of \$8 per family. Please register at [LabSpaceRobotics.com](http://LabSpaceRobotics.com) to let us know you're coming. Sessions that don't meet minimum preregistration may be cancelled.

### Storybook MakerCamp

Join us Monday, April 1 at 10:30 and celebrate Earth Day early as we make our own seed paper, discuss ways to take care of our planet and explore the amazing illustration process of Eric Carle. Our stories will be ***Five Tough and Tiny Seeds*** and ***The Tiny Seed***. Tuition: \$5 per maker with a max of \$10 per family. Register at [LabSpaceRobotics.com](http://LabSpaceRobotics.com).

## Digital Arts with Rick Rother

LabSpace is excited to have Rick Rother back to present more of his Digital Arts Classes for students ages 9+. Students will be given firsthand knowledge and practical experience in creating and developing their own world and visual language for all to enjoy! Students of all experience levels are welcome. They learn to use tablets and free software to enhance their creations so they can continue creating at home.

Animation-Feb 2 8:30-10:30  
Stop Mo Level 1-Mar 16 8:30-10:30  
Stop Mo Level 2-May 11 8:30-10:30

## Game Design

Build and design your own video games using The Games Factory 2 game engine. We'll focus on good programming practices, user interface design, testing and refining our games. The class will work on constructive criticism skills-how to make productive suggestions for game improvement. Tuition: \$75 for 5 one-hour sessions. We encourage students to get a copy of The Games Factory 2. It is available on Amazon for about \$25. We get lots of programming done in class, but game design takes time and having access to the program at home will allow students to practice what they've learned. Level 1 is for beginners. *Level 1-Fri 6:00-7:00 April 19-May 17*

## Mad Scientists

Our new science program for grades k-2. Students will explore new science concepts each week with fun, hands-on activities. Each 4 week session explores new concepts, so they can be repeated. Families are encouraged to stay and work together in class.

Wed 4:30 -April 3-24 Teacher: Miss Jennifer  
Fri 5:30-6:15 4/5, 4/12, 4/26, and 5/3  
Teacher: Miss Laura

## STEM Club

Grades 2-4-STEM Club is back! Hands-on science, tech, engineering and math at each meeting. Mrs. Markway from River Oaks Academy will be leading this fun, fast-paced class for grades 2-4 and Miss Laura will lead grades 5 & 6 on Fridays..

Wed 5:30-6:15 Mar 13-Apr 10  
Fri 6:30-7:15 April 5-26

## Engineering Lab Grades 2-4

A new engineering project each week to take home! Explore pneumatics, elastic potential energy, electricity and more as you become more confident working with tools to make some cool projects. Parents are welcome to stay and participate in class.

Thur 5:10-6:10 April 11-May 9  
No class on April 18  
Tuition: \$45

## Robot Parade Workshops

Want to enter the robot parade on May 4th? Join us two Friday evenings in a row. We'll help you get a robot built and programmed. All supplies provided! Decide how you'll decorate your robot...will it pull a "float" or will you just decorate the robot itself? We'll help you program your robot to follow a line and not bump into the robot in front of you. Families are welcome to build together, or grab a friend and give it a try! Tuition: \$45.

Fri, April 12 and 26 6:00-7:30

## LabSpace Challenge Day

**Sat, May 4**  
**1:00**

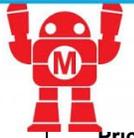
Join us for an afternoon of fun robot challenges. Cheer on local students who have worked to complete some fun robot challenges, or join in with your own robot or marshmallow launcher! If you don't have a robot, sign up for a workshop and use one of ours! Challenge guidelines are at [LabSpaceRobotics.com](http://LabSpaceRobotics.com). Challenge day is free and always fun!

## Cardboard Engineering

Students put their critical thinking and logic skills into action with activities that explore cardboard as a building material. What different ways can pieces connect? How could a hinge or spring be made? Time to make mistakes and take chances! This class will include designing several projects. Tues. 5:45-6:45 April 9-30. Ages 9+ Tuition: \$40.

# LabSpace Maker Camps Winter 2019

Maker Camp



	Description	Ages	Date(s)	Price
<b>Storybook Maker Camp</b>	<p>In this 60-90 minute cross-curriculum class we'll read a picture book and make a related project. Classes will focus on concepts such as engineering, science, problem solving, critical thinking, etc. Additional reading lists will be provided so you can continue exploring at home.</p> <p>We'll be making our own seed paper we can plant and reading two stories. Hope you can join us!</p>	Pre-K-Grade 2	4/1 10:30-12:00	\$5, max of \$10 per family
<b>Young Maker Morning</b>	We'll have several "mini" projects set out for you to choose from and you can make as many as you like. This is family event-all are welcome to stay and build. \$5 builder. Makers younger than 8 must have a hands-on adult helper.	Ages 5+ with an adult	April 6 10:00-12:00	\$5
<b>SumoBot Challenge</b>	No experience necessary! Come build a robot and then remote control it to try to bush others out of the ring. There will be plenty of time for lots of battles and experimenting with designs and driving. Tuition is \$20 per team, so grab a friend or come as a family team. This activity works best with 1 or 2 on a team.	8+	Sat, Mar 23 2:00-4:00	\$20 per team.
<b>Cardboard Grabber</b>	Build a basic "grabber" from instructions and then experiment to find ways to make it better! You'll get to take your grabber home with you. Ages 7+ can do this independently, younger are welcome with a hands-on helper.	7+	Sat, Ap 13 2:00-3:00	\$10 per maker  Max of \$20 per family
<b>Easter and Passover Card Making Workshop</b>	Make your own creative, handmade greeting cards. Be inspired by some samples and cut some fun shapes with the Cricut machine.	All ages	Sat, Ap 13 1:00	\$5 per maker, max of \$10 per family

Register at [LabSpaceRobotics.com](http://LabSpaceRobotics.com) or (573)645-0800. Classes that don't meet minimum registration will be cancelled, so please, let us know you're coming. Walk-ins are welcome for Maker Camps, but if you haven't registered, please check in advance to be sure there is room. More events will be added, please check out website for the most up to date schedule.