



LabSpace

Summer Camps and Workshops 2019

June 10-16

STEAM Camp M-W-F Grades 1-3 8:30-11:30	Hands-on science, technology, engineering, art and math activities for grades 1-3. Bring a snack and water bottle.	\$75
STEAM Camp M-W-F Grades 4-6 12:30-3:30	Hands-on science, technology, engineering, art and math activities for grades 4-6. Bring a snack and water bottle.	\$75

June 17-21

During this week, morning students may be dropped off at 8 and afternoon students must be picked up by 4:00. Supervision will be available during lunch time. We'll have board games, craft supplies and engineering projects available during non-class times. Students should bring their lunch, a water bottle and any snacks they'd like.

Roblox Workshop Wed, June 19 8:30-11:30	Students will learn basic terrain and shape and color manipulation to create simple games from Roblox templates. This is a beginner level class.	\$30
Animation Workshop I 12:30-3:30 Wed, June 19	Welcome to the amazing world of hand drawn animation! Learn the basics of animation (both traditional hand drawn animation and digital) and create your own short animation. If you have a passion for cartoons and want to get started or just curious about the fascinating work that goes into animation this workshop will be a great starting point!	\$30
Lego Robotics and Engineering Camp Grades 2-4 8:30-11:30 Monday-Friday	Build robotics creations using the Lego WeDo sets. Bring your Lego creations to life with motors, gears, pulleys sensors and programming. Each student will have their own robotics set and computer to use during class. We'll also create some engineering projects to take home using cardboard and other materials.	\$125
Lego Robotics and Game Design Camp Grades 4+ 12:30-3:30 Monday-Friday	Build and program Lego Mindstorms robots to complete fun challenges. Students will be grouped according to experience. Each student will have their own robotics set and computer to use during class. We'll use The Games Factory 2 to design and program their own videos games. At the end of camp students will have at least one game that they will be able to take home and play on their computer. Please bring a thumb drive to camp to save your creations.	\$125
ISL Math Stinks Rising 4th-6th 8:30-11:30 Monday and Tuesday, June 17 - 18	If you have ever heard your child say, "I HATE Math!" then this is the camp for them! Math doesn't have to be dreaded! I want to share with young minds how fun and fascinating math can be. We will explore math in exciting new ways as we learn about Growth Mindset, Number Sense and Visualization.	\$60
ISL STEM Lab Rising 4th-6th 12:30-3:30 Monday and Tuesday, June 17 - 18	ISL STEM Camp is a continuation of the concepts Mrs. Markway is famous for teaching! Physics is the foundation of this STEM camp but we will explore concepts in Engineering, Math, Chemistry and Biology. "To boldly go in strange new worlds....of science and math!!"	\$60

June 24-June 27

STEAM Camp T-Th Grades 1-3 8:30-11:30	Hands-on science, technology, engineering, art and math activities for grades 1-3. Bring a snack and water bottle.	\$50
STEAM Camp T-TH Grades 4-6 12:30-3:30	Hands-on science, technology, engineering, art and math activities for grades 4-6. Bring a snack and water bottle.	\$50
Cardboard Building Workshop 8:30-11:30 Thur, June 27	We'll be creating 3-D designs with cardboard. Learn how to cut, join and seam to create an endless variety of designs. We will build basic shapes to create models, objects. Examples - buildings, small figures, wearables: masks and armor.	\$30
Digital Illustration Workshop 12:30-3:30 Thur, June 27	Learn about the incredible world of digital art! You will learn to create from page to screen fully colored illustrations using a variety of techniques to begin and improve your own artistic skills. Teacher: Rick Rother	\$30

July 8-11

ISL STEM Lab - Math Stinks!! 8:30-11:30 Rising 4th-6th Monday - Thursday, July 8 - 11	If you have ever heard your child say, "I HATE Math!" then this is the camp for them! Math doesn't have to be dreaded! I want to share with young minds how fun and fascinating math can be. We will explore math in exciting new ways as we learn about Growth Mindset, Number Sense and Visualization.	\$95
ISL STEM Lab - STEM Camp 12:30-3:30 Rising 4th-6th Monday - Thursday, July 8 - 11	ISL STEM Camp is a continuation of the concepts Mrs. Markway is famous for teaching! Physics is the foundation of this STEM camp but we will explore concepts in Engineering, Math, Chemistry and Biology. "To boldly go in strange new worlds....of science and math!!"	\$95

July 15-19

Supervision will be available at 8:00 this week, lunch is supervised, please bring a lunch and water bottle. Students must be picked up by 4:30. Board games, Legos and other hands-on activities available during non-class time.

8:30-11:30 Digital Art Camp	Spend a week creating digital artwork! Tablets and software are provided for you to use in class and you'll learn how to use technology to enhance your art. You will create original animations, learn digital full color illustration, develop stop motion films and more! We've chosen free software so you'll be able to continue creating at home. Ages: 10+	\$95
12:30-2:00 Video Game Design (Ages 9-14)	Learn the basics of designing your own video games using Games Factory 2. Students will program 2 games in level one that they will be able to share with their friends. Each project is designed to introduce new skills and allow creativity.	\$75
2:15-3:45 Robot Camp Grades 4+ (for 2018 school year)	This is a level 1 class for those interested in learning to program and build robots. We'll be using the Lego Mindstorms sets and will learn how to program and use the sensors to complete fun challenges. No experience necessary for this class. If you've taken this class before, we'll have new challenges for you.	\$75
STEAM Camp M-W-F Grades 1-3 8:30-11:30	Hands-on science, technology, engineering, art and math activities for grades 1-3. Bring a snack and water bottle.	\$75
STEAM Camp M-W-F Grades 4-6 12:30-3:30	Hands-on science, technology, engineering, art and math activities for grades 4-6. Bring a snack and water bottle.	\$75
	Want to take more than one camp this week? There is a 20% discount on additional camps	

July 22-25

ISL STEM Lab - STEM Camp 8:30-11:30 Rising 4th-6th Monday - Thursday, July 22 - 25	ISL STEM Camp is a continuation of the concepts Mrs. Markway is famous for teaching! Physics is the foundation of this STEM camp but we will explore concepts in Engineering, Math, Chemistry and Biology. "To boldly go in strange new worlds....of science and math!!"	\$95
ISL STEM Lab - Math Stinks!! 12:30 - 3: Rising 4th-6th Monday - Thursday, July 22 - 25	If you have ever heard your child say, "I HATE Math!" then this is the camp for them! Math doesn't have to be dreaded! I want to share with young minds how fun and fascinating math can be. We will explore math in exciting new ways as we learn about Growth Mindset, Number Sense and Visualization.	\$95

July 29-August 2

Supervision will be provided starting at 8:00 am. Students staying for afternoon camps will have supervision for lunch and should bring a lunch and water bottle. Afternoon students must be picked up by 4:00.

8:30-11:30 Game Designer Art Camp (M-F) Ages:10+	Learn the basics of designing art for video games. Create some fun pixel art and short animation sequences for your next project. Experiment with 3d modeling and more. Ages: 10+ Supervision will be provided during break for those who would like to stay for the afternoon workshops.	\$95
12:30-2:00 Video Game Design (M-F) Ages:9-14	Learn the basics of designing your own video games using Games Factory 2. Students will program 2 games in level one that they will be able to share with their friends. Each project is designed to introduce new skills and allow creativity. Students who have already completed the entry level game design class will have new projects to work on in this workshop.	\$75
2:10-3:40 Robotics Workshop (M-F) Ages: 9-14	Build and program Lego Mindstorms robots to complete fun challenges. Students will be grouped according to experience. Each student will have their own robotics set and computer to use during class. Lots of fun challenges to conquer!	\$75

August 5-9

Robotics and Engineering Camp Grades 2-4 9:00-12:00	Build robotics creations using the Lego WeDo sets. Bring your Lego creations to life with motors, gears, pulleys sensors and programming. Each student will have their own robotics set and computer to use during class. We'll also create some engineering projects to take home using cardboard and other materials. Please let us know if you need to drop off earlier than class time for this camp.	\$120
Wed, Aug 7 8:30-11:30 Intro to Stop Motion Animation	Stop motion animation is one of the most popular and creative ways to begin a journey in filmmaking. This two hour workshop will give you the tools and skills you need to create fun and successful short films using a variety of media. Software and tablets will be provided for in-class use. The software used in class is a free app for Android so you can continue creating at home.	\$30
Wed, Aug 7 12:30-3:30 Animation Workshop-Level 1	Already taken one of Mr Rother's animation workshops or have other animation experience? This is the workshop for you. Tablets and software will be provided for use in class and the software used is a free Android app. After a short refresher on how the software works, you'll jump into your own animation with tips on design and software. Ages 10+	\$30
Thur, Aug 8 8:30-11:30 Stop Motion - Level 2	Continue learning about Stop Motion with this level 2 class. Learn the basics of creating clay figures that have a wire skeleton so they can be posed and used in your films. Explore new software and lighting techniques. Ages 10+	\$30
Thu, Aug 8 12:30-3:30 Digital Illustration II	Learn about the incredible world of digital art! You will learn to create from page to screen fully colored illustrations using a variety of techniques to begin and improve your own artistic skills. This is a continuation of the workshop earlier in summer or for those with some previous experience. Teacher: Rick Rother	\$30