

## Lake Cypress Middle School Mini-Camp Schedule

Camp Week 1	Camp Week 2	Camp Week 3	Camp Weeks 4-6	Camp Week 7	Camp Week 8	Camp Week 9
June 4 - 8	June 11 - 15	June 18 - 22	June 25 - July 13	July 16 - 20	July 23 - 27	July 30 -Aug 3
MakerSpace Justin Shrake 6th - 8th	Lights, Camera, Action! Movie Camp. Justin Shrake 6th - 8th	Stop, Animate and Claymation Camp Justin Shrake 6th - 8th	No Mini Camps These Weeks	LEGO Coding Matt Masem 3rd - 8th	Move to Middle School Stephanie Loughran 6th - 8th	Move to Middle School Stephanie Loughran 6th - 8th
	Wake up and smell the coffee! Breakfast Art Camp Club Megg Demko 6th - 8th	Hip ,Hip Hooray for the Red, White, and Blue (Art)! Megg Demko 6th - 8th			Dream it, Build it, Test it: Engineering Camp! Jamie Schoenberger 6th - 8th	Forensics Camp: Can you solve the crime in time?! Jamie Schoenberger 6th - 8th
		Breakout STEM Matt Masem 3rd - 8th			LEGO Building Matt Masem 2nd - 8th	

**Want to enhance your Middle School Camp experience? Campers can attend the Lake Cypress Day Camp at a discounted rate after the Middle School half-day camps, where they will participate in their own Middle School choice blocks for the afternoon! Just choose the full day option online!**

### Week #1

**MakerSpace - (6th-8th)** - Flex your creative and critical thinking muscles as you embark on a journey from idea to invention. MakerSpace is an open-ended area to ask questions, free your imagination, meet new people, and uncover the creative genius inside you! Tinker, build, and play in this self-directed yet collaborative multi-purpose environment. Fail fast. Fail often. Fail forward! Endless possibilities in this weeklong camp!

### Week #2

**Lights, Camera, Action! Camp - (6th-8th)** - Discover your inner storyteller while discovering filmmaking and special effects techniques, including a green screen. You'll express your own creative voice through storytelling when you develop a story idea, then turn that concept into a shot-by-shot storyboard. Learn creative camera angles and unique shots, then edit your original footage to create an exciting and unique movie all your own. Screen your movie at the end of the week in a small film-festival style showcase and leave camp with the knowledge required to create a wonderful, unique movie.

**Wake up and smell the coffee: Breakfast Art Camp - (6th-8th)** - Do you love breakfast? Wake up and join us for some tasty treats to eat and to create. We will sculpt some yummy favorites as well as paint them on the canvas! Kitchen signs, breakfast still life, chalkboards, and many more fun projects! Let's "wake up and smell the coffee" together!

### Week #3

**Hip, Hip, Hooray for the Red, White, and Blue Art Camp! - (6th-8th)** - Come and show your patriotic pride while we celebrate America's colors. We will snack on some all American treats while we create! Stars and stripes, mosaics, ceramics, tie dye shirts, Poppie paintings and more.

**Stop, Animate and Claymation - (6th-8th)** - Kids are only limited by their imaginations in a stop motion animation (Claymation) camp! A magical rainbow unicorn? A talking ice cream cone? An army of dolphins? These are all characters that may be brought to life by kids in this new camp! We will watch and analyze animations to learn the elements of storytelling, and then map out our stories before molding characters and decorating the sets. Imagination is the limit!

**Breakout STEM Camp - (3rd-8th)** - Students will engage in hand-on experiments & challenges that test their knowledge & application of STEM concepts. After acquiring new skills they'll put them to the test in a series of Breakout Box (think: Escape Room game) activities the final couple days that will require all their new knowledge to succeed! This will be a joint camp with elementary students.

### **Week #7**

**LEGO Robotics Coding Camp - (3rd-8th)** - Enjoy a challenging week of building & programming LEGO robots! This week students will be using the Mindstorms EV3 computer language to program set robots to complete various tasks. Students will complete programming challenges that use sequencing and higher order thinking skills to navigate their robots through various challenges. This will be a joint camp with elementary students.

### **Week #8**

**Dream it, Build it, Test it: Engineering Camp! - (6th-8th)** - Who can build the tallest tower? Hit the target in the fastest time? Build the longest Rube Goldberg Machine? Construct the most life-like robotic hand? Create a hand-held, moving hologram? This engineering-based science camp will help students push themselves to explore and test designs that previously existed only in their imaginations! Come discover the forces and energies that influence our daily lives and are used by scientists and engineers to invent new technologies and explore the universe around us.

**Move to Middle School - (6th-8th)** - Designed for all incoming Sixth Graders (or any other 7<sup>th</sup>/8<sup>th</sup> graders new to Middle School!), this program aims to assist students in the transition to Middle School! Students receive campus tours, laptop set-up, technology demonstrations, e-portfolio instruction, locker assignment, and more! This is truly a program that makes “crossing the bridge” a bit easier!

**LEGO Robotics Camp: Building & Battle - (2nd-8th)** - Enjoy a challenging week of building LEGO robots! This week will focus on the building of multiple types of robots! Choose from over a dozen designs or modify/create your own design. Robot battles & obstacle courses dominate the final few days with students using their own smart device (and free app) to control their creations! This will be a joint camp with elementary students.

### **Week #9**

**Forensics Camp: Can you solve the crime in time?!- (6th-8th)** - These amateur crime solvers will have to work together and rely on their investigative skills to figure out - whodunnit?! Throughout the week, students will learn crime solving techniques such as fingerprinting, deductive reasoning, chromatography testing, blood typing, blood spatter study, and chemical analysis. At the end of the week, a ghastly crime scene will greet them on arrival. Will they be able to use the techniques they've learned in order to solve the crime?!

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Visit [camp.windermereprep.com](http://camp.windermereprep.com) for more information and to register!

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