

# LCC Youth Program

## Description of 2022 Summer Classes

Register online today at [www.lcc.edu/seriousfun](http://www.lcc.edu/seriousfun)  
For more information, contact us by phone at 517-483-1415  
Or by email at [lifelong@lcc.edu](mailto:lifelong@lcc.edu)

Masks are not currently required by the LCC Youth Program but this is subject to change without warning as per LCC's mask policy.

### Face-to-Face Class Details:

Most classes are Monday - Thursday  
Morning (AM) classes are 9:00am-12:00pm  
Afternoon (PM) classes are 1:00pm-4:00pm  
Most classes cost \$169; \$10 Early Bird Discount for certain classes

### Face-to-Face Class Locations:

LCC East Campus – 2827 Eyde Parkway, East Lansing, MI 48823  
LCC Main Campus – Gannon Building – 422 North Washington Square Lansing, MI 48933

### Scholarships:

Limited Scholarships are available to students who qualify (income-based).  
Contact the Lifelong Learning Youth Program Office @ 517-483-1415 for more information.

Week #1 – Starts Monday, June 27  
Week #2 – Off (July 4<sup>th</sup> Holiday)  
Week #3 – Starts Monday, July 11  
Week #4 – Starts Monday, July 18  
Week #5 – Starts Monday, July 25  
Week #6 – Starts Monday, August 1

## 2022 Summer Youth Program Classes (face-to-face):

### List of Classes – Alphabetical

Class Title and Grade	Start Date	Days
Art-Explore Painting Mediums, 4th-5th Grade	07/18/2022	M T W Th
Battling Robots, Jr., 4th-5th Grade	07/11/2022	M T W Th
Battling Robots, Jr., 4th-5th Grade	07/18/2022	M T W Th
Battling Robots, Sr., 6th-8th Grade	07/18/2022	M T W Th
Battling Robots, Sr., 6th-8th Grade	08/01/2022	M T W Th
Battling Robots, VEX IQ, 6th-8th Grade	07/11/2022	M T W Th
Battling Robots, VEX IQ, 6th-8th Grade	07/25/2022	M T W Th
Beginning Robotics (Races), 2nd-3rd Grade	07/11/2022	M T W Th
Beginning Robotics (Mazes), 2nd-3rd Grade	07/25/2022	M T W Th
Build A 'Bot, 4th-5th Grade	07/25/2022	M T W Th
Carnival Games, 4th-5th Grade	08/01/2022	M T W Th
Digital Filmmaking, 4th-5th Grade	06/27/2022	M T W Th
Digital Filmmaking, 4th-5th Grade	07/18/2022	M T W Th
Fun with Physics, 2nd-3rd Grade	07/25/2022	M T W Th
Game Design Boot Camp, 4th-5th Grade	07/11/2022	M T W Th
Imagination Art, 2nd-3rd Grade	07/18/2022	M T W Th
It's All About My Selfie, 6th-8th Grade	06/27/2022	M T W Th
Make Your Own Avatar, 2nd-3rd Grade(East)	07/11/2022	M T W Th
Minecraft Amusement Park, 6th-10th Grade	06/27/2022	M T W Th
Minecraft Amusement Park, 4th-5th	07/25/2022	M T W Th
Music Video Production, 4th-5thGrade	06/27/2022	M T W Th
Music Video Production, 6th-10th Grade	07/18/2022	M T W Th
Music Video Production, 6th-10th Grade	07/25/2022	M T W Th
Miniature Golf Challenge, 5th-8th Grade	08/01/2022	M T W Th
Musical Theater Camp, 7th Grade & Above	07/11/2022	M - F
Science w Experiments, 2nd-3rd Grade	06/27/2022	M T W Th
Toy Science, 2nd-3rd Grade	06/27/2022	M T W Th

## Week #1 - Starts Monday, June 27<sup>th</sup>

### **Digital Filmmaking, 4th-5th Grade**

Lights, camera, action! Work individually and in groups to direct and produce video projects. Learn about television production and filmmaking, learn how to set up and run a video camera, interview, camera techniques, and how to storyboard. The film crew will work in teams to script and produce simple and fun video projects.

Dates: June 27–30, 2022

Instructor: Petra Daher

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **It's All About My Selfie, 6th-8th Grade**

Create a work of digital art and self(ie) expression! Share your world through digital storytelling. Take selfies, produce video clips, add music and graphics, and edit to create an autobiographical work of art. Learn to use Google Slides to creatively "Tell your story."

Dates: June 27–30, 2022

Instructor: Laura Showers

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Minecraft Amusement Park, 6th-8th Grade**

Using Minecraft gaming software, enjoy the thrill of building your own roller coaster. How steep of a slope will it take for you to scream? In this class you will use geometry, fractions, volume, area, perimeter and conversions to build the ultimate theme park. Your only limitation is your own imagination. Are you up to the challenge?

Dates: July 25–28, 2022

Instructor: Laura Showers

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Music Video Production, 4th-5th Grade**

Filmmakers needed! Learn digital filmmaking and video production hands-on experience working as a film crew under the guidance of a filmmaker. Groups will work as a team to plan and film a music video. The classroom will be transformed into a mini-studio and students will have access to video editing software, tripods, iPads, art supplies and other technological tools.

Dates: June 27–30, 2022

Instructor: Petra Daher

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Science with Experiments, 2nd-3rd Grade**

Join the fun performing different experiments and hands-on science activities every day! Students will learn about chemistry, biology and natural science. Each day will also have a Live! Lesson with Michigan native animals.

Dates: June 27–30, 2022

Instructor: Carol McGrath

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Toy Science, 2nd-3rd Grade**

This is an exciting, hands-on class where we investigate the science behind how different toys work. Taught by a scientist, students will explore the use of electricity, magnetism, friction, gravity and simple machines in toy design. Students will make small toys throughout the class to take home. Students will build upon their problem-solving, science, engineering and design skills.

Dates: June 27–30, 2022

Instructor: Carol McGrath

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

**Week #2 - Starts Monday, July 4<sup>th</sup>**

**Note: NO Classes are offered at LCC East during week #2 (INDEPENDENCE DAY)**

## Week #3 - Starts Monday, July 11<sup>th</sup>

### **Battling Robots, Jr., 4th-5th Grade**

Think you can create the undefeated battlebot? Bring it! Whether you have never built a Lego Robot before, or if you are an undisputed master, you are welcome to this class! You will learn to design and build your own Lego EV3 robots limited only by your imagination!

Dates: July 11–14, 2022

Instructor: TBD

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Battling Robots, VEX IQ, 6th-8th Grade**

Want to build your own robot? This hands-on class will teach students how to build, program, and test their device using real-life robotics technology. Students will use computer science, technology, and engineering with this hands-on VEX IQ platform. Students are encouraged to brainstorm in order to find creative solutions to problems and then develop them through a process of selecting, building, testing and evaluating. Robots will compete with each other throughout the class.

Dates: July 11–14, 2022

Instructor: Bruce Boardman

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Beginning Robotics (Races), 2nd-3rd Grade**

Younger Kids can do robots too! Sphero robotics is a fun, hands-on way for your child to learn the basics of controlling and programming a robot. Easily controlled with provided iPads or Chromebooks, your child will be introduced to the exciting field of robotics!

Dates: July 11–14, 2022

Instructor: Laura Showers

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, MI

### **Game Design Boot Camp, 4th-5th Grade**

Ever thought about making your own games? (Of course you have, don't even kid.) This course will get that idea out of your head and turn it into, quite possibly, a solid, fun, and unique game! We will learn about what makes a game fun and begin drawing up our own physical game concepts! From there you and your classmates will get to try out the games you have all made. By the end of this class you should have all the tools needed to pitch your own ideas and, confidently make your own games and game concepts. \*This class will focus on physical games such as board or card games, but may also include digital game concepts.\*

Dates: July 11–14, 2022

Instructor: Brandon Price

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Make Your Own Avatar, 2nd-3rd Grade\*NEW\***

No description available for this class, refer to the online posting for more information.

Dates: July 11–14, 2022

Instructor: Laura Showers

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Musical Theatre Camp, 7th Grade & Above\*NEW\***

Musical Theatre brings stories to life with energy, passion, and spirit. During this one-week program, you will study advanced techniques in singing, acting, and dancing. Our students, grades 7 and above, work with professional artists and expert instructors to engage their abilities and develop new skills. The course culminates in a student performance at the end of the class.

Dates: July 11–15, 2022

Instructor: Nada Radakovich

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: Main Campus, Gannon Building, Lansing, Michigan

## Week #4 - Starts Monday, July 18<sup>th</sup>

### **Art-Explore Painting Mediums, 4th-5th Grade**

Sparkle, splash and create through painting, making plaster masks, trying different art mediums understanding where art can take you. You'll learn how some famous artists began, just like you. You'll have a blast showing off your grand skills!

Dates: July 18–21, 2022

Instructor: Marybeth Birchmeier

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Battling Robots, Jr., 4th-5th Grade**

Think you can create the undefeated battlebot? Bring it! Whether you have never built a Lego Robot before, or if you are an undisputed master, you are welcome to this class! You will learn to design and build your own Lego EV3 robots limited only by your imagination!

Dates: July 18–21, 2022

Instructor: Dawn Hardin

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Battling Robots, Sr., 6th-8th Grade**

Think you can create the undefeated battlebot? Bring it! Whether you have never built a Lego Robot before, or if you are an undisputed master, you are welcome to this class! You will learn to design and build your own Lego EV3 robots limited only by your imagination!

Dates: July 18–21, 2022

Instructor: Bruce Boardman

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Digital Filmmaking, 4th-5th Grade**

Lights, camera, action! Work individually and in groups to direct and produce video projects. Learn about television production and filmmaking, learn how to set up and run a video camera, interview, camera techniques, and how to storyboard. The film crew will work in teams to script and produce simple and fun video projects.

Dates: July 18–21, 2022

Instructor: Petra Daher

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Imagination Art, 2nd-3rd Grade**

Explore your inner Picasso! Demonstrate your creative side by having fun sculpting with clay, painting on real canvas, learning about some famous artists and taking a turn at creating some of your very own Pop Art! You decide what you create and have fun and learn while you are at it! Students will love all of the possibilities as they create their very own masterpieces!

Dates: July 18–21, 2022

Instructor: Marybeth Birchmeier

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Music Video Production, 6th-10th Grade**

Filmmakers needed! Learn digital filmmaking and video production hands-on experience working as a film crew under the guidance of a filmmaker. Groups will work as a team to plan and film a music video. The classroom will be transformed into a mini-studio and students will have access to video editing software, tripods, iPads, art supplies and other technological tools

Dates: July 18–21, 2022

Instructor: Petra Daher

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan



## Week #5 - Starts Monday, July 25<sup>th</sup>

### **Battling Robots, VEX IQ, 6th-8th Grade**

Want to build your own robot? This hands-on class will teach students how to build, program, and test their device using real-life robotics technology. Students will use computer science, technology, and engineering with this hands-on VEX IQ platform. Students are encouraged to brainstorm in order to find creative solutions to problems and then develop them through a process of selecting, building, testing and evaluating. Robots will compete with each other throughout the class.

Dates: July 25–28, 2022

Instructor: Bruce Boardman

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, MI

### **Beginning Robotics (Mazes), 2nd-3rd Grade**

Younger Kids can do robots too! Sphero robotics is a fun, hands-on way for your child to learn the basics of controlling and programming a robot. Easily controlled with provided iPads or Chromebooks, your child will be introduced to the exciting field of robotics!

Dates: July 25–28, 2022

Instructor: Laura Showers

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Build A 'Bot, 4th-5th Grade**

You will learn how to design and build a unique mini-robot to take home in this fun, hands-on science class! We will scavenge the parts to build your robot from small electronics, appliances and old toys that you bring in. Each mini-robot built will be different. The more items you bring in the bigger variety of gears, motors, wheels, pulleys and other parts you will have as your building materials.

Dates: July 25–28, 2022

Instructor: Carol McGrath

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Fun with Physics, 2nd-3rd Grade**

Complete fun projects every day like building mini hovercrafts, generating electricity and making a real working waterwheel! This class is packed with science projects and activities that will increase your knowledge of electricity, magnetism, tension and friction. Students will also learn how to build cool projects out of trash and recyclable materials!

Dates: July 25–28, 2022

Instructor: Carol McGrath

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Minecraft Amusement Park, 4th-5th Grade**

Complete fun projects every day like building mini hovercrafts, generating electricity and making a real working waterwheel! This class is packed with science projects and activities that will increase your knowledge of electricity, magnetism, tension and friction. Students will also learn how to build cool projects out of trash and recyclable materials!

Dates: July 25–28, 2022

Instructor: Laura Showers

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Music Video Production, 6th-10th Grade**

Filmmakers needed! Learn digital filmmaking and video production hands-on experience working as a film crew under the guidance of a filmmaker. Groups will work as a team to plan and film a music video. The classroom will be transformed into a mini-studio and students will have access to video editing software, tripods, iPads, art supplies and other technological tools

Dates: July 25–28, 2022

Instructor: Petra Daher

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

## Week #6 - Starts Monday, August 1<sup>st</sup>

### **Battling Robots, Sr., 6th-8th Grade**

Think you can create the undefeated battlebot? Bring it! Whether you have never built a Lego Robot before, or if you are an undisputed master, you are welcome to this class! You will learn to design and build your own Lego EV3 robots limited only by your imagination!

Dates: August 1–4, 2022

Instructor: Bruce Boardman

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Carnival Games, 4th-5th Grade**

Step right up and join the fun – designing, building and playing all of your favorite carnival games! First, we review our knowledge of simple machines to use in our game designs, then pay for building materials with play money. After our carnival games are built we will set a fair price, then “pay to play” each other’s games! This class covers science, math, artistic design and engineering.

Dates: August 1–4, 2022

Instructor: Carol McGrath

Time: 9:00AM-12:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

### **Miniature Golf Challenge, 5th-8th Grade**

Design and build a miniature golf course this summer! The class will use math, science and engineering skills to design moving parts for our mini golf holes. Using spare parts and scrap material we will build the course and set it up in the parking lot to play on the last day!

Dates: August 1–4, 2022

Instructor: Carol McGrath

Time: 1:00PM-4:00PM

Tuition: \$169 (\$159 if enrolled 30+ days before class starts)

Location: East Lansing, Michigan

Please note that updated class information is available on  
[our website at www.lcc.edu/seriousfun](http://www.lcc.edu/seriousfun)

Please call the Lifelong Learning/Youth Program Office at 517-483-1415 for more information.