

## 3D Modeling with SketchUp

**1-week session.** If you can imagine it, you can build it in SketchUp! Learn to create models of objects and buildings with this easy to use 3D computer modeling program used by architects and designers. You'll focus on creating a retail space or product of your own imagination. Start by drawing lines and shapes, then push and pull surfaces to turn them into 3D forms. Consider all the elements that make a building or object functional and distinctive, then bring it to life in three dimensions. **Week 6**

## Biking Adventures

**1 week session.** Ready for a daily biking adventure? In this camp each day features a new theme, route and unique stops around the Oak Park area. We'll learn and practice bike maintenance and biking safety as we hit destinations such as Thatcher Woods, local cafes and recreation areas. Sign up with a friend and get ready to make new friends - it's time for a summer riding adventure! Instructors: Varies based on week. *Required daily items include a road-ready bike with gears (no dirt bikes), spare inner tube, bike lock, helmet, snacks, water bottle and closed-toe shoes. Prompt arrival is a must, and bikers ride rain or shine (although not during thunderstorms). Bicycles should be inspected and tuned up at a local shop before the start of camp.* **Week 3, 6**

## Biking Adventures+ Mechanics **\*NEW**

**1 week session.** This Biking+ camp will practice more in depth bike maintenance than the original biking adventures, i.e., changing tires, fixing chains and doing your own bike tune up! Don't worry, we'll still be hitting the road with our bikes every day, logging 10+ miles daily as we learn road/bike safety on our adventures. *Required daily items include a road-ready bike with gears (no dirt bikes), spare inner tube, bike lock, helmet, snacks, water bottle and closed-toe shoes. Prompt arrival is a must, and bikers ride rain or shine (not during thunderstorms). Bicycles should be inspected and tuned up at a local shop before the start of camp.* **Pre-wk June 10-14**

## Biking Adventures+ Mobile Street Photography **\*NEW**

**1 week session.** Ready for a daily biking adventure in addition to learning how to take great pictures? We've combined two of our most popular camps into one! We'll hit the road on our bikes, seeking out local destinations such as Thatcher Woods, cafes and recreation areas while also learning to take photos from your most accessible device - your cell phone! Experiment with what makes better selfies; and improve your photos with better lighting, composition, and focus. Explore the basics of photography from working with a smartphone camera to using creative apps to develop and enhance your images. Finish the week with a digital slideshow of your work and showcase your new skills gained as a visual storyteller! Sign up with a friend and get ready to make new friends - it's time for a summer riding and photography adventure! *Required daily items include a road-ready bike with gears (no dirt bikes), spare inner tube, bike lock, helmet, snacks, water bottle and closed-toe shoes. Prompt arrival is a must, and bikers ride rain or shine (although not during thunderstorms). Bicycles should be inspected and tuned up at a local shop before the start of camp.*

**Week 2 & 4**

## Biking Adventures+ Scavenger **\*NEW**

**1 week session.** Time to level up! Our Biking+ series brings together a love of biking and new fun challenges! In Biking+ Scavenger, we'll use our daily rides to solve clues, find hidden items and complete daily challenges. Think outdoor escape room... but on bikes! We'll go up to 10 miles a day in and around Oak Park (and surrounding areas) so come ready to ride, and ready to find! *Required daily items include a road-ready bike with gears (no dirt bikes), spare inner tube, bike lock, helmet, snacks, water bottle and closed-toe shoes. Prompt arrival is a must, and bikers ride rain or shine (although not during thunderstorms). Bicycles should be inspected and tuned up at a local shop before the start of camp.*

**Pre-Week June 10-14 and Week 1**

## **Biking Adventures+ Trail Rides \*NEW**

**1 week session.** We're taking it up a notch in this Biking+ camp as well as increasing our daily miles (15+ miles a day!) as we seek out local trails. We'll hit destinations such as Thatcher Woods, Miller Meadow, Bezina Woods and other recreation areas. It's time for a summer trail riding adventure! As a prerequisite, bikers must have attended another biking adventure camp and be prepared to put in some longer miles. *Required daily items include a road-ready bike with gears (no dirt bikes), spare inner tube, bike lock, helmet, snacks, water bottle and closed-toe shoes. Prompt arrival is a must, and bikers ride rain or shine (although not during thunderstorms). Bicycles should be inspected and tuned up at a local shop before the start of camp. Week 5*

## **CTA: Chicago Through Adventures**

**1 week session. FULL DAY.** Discover little-known sights and new neighborhoods as you learn to navigate the city through public transit. Together with other campers, you will help design a weeklong itinerary that will help you build confidence while learning how to safely ride CTA's trains and buses. Map and plan routes, complete group scavenger hunts, and show off your mad skills during a culminating journey with invited family. All campers will be provided with a Ventra card to use during camp. Most of this camp will be spent outdoors and walking, so please dress accordingly. **Pre-Week (June 10-14)**

## **CTA: Chicago Through Adventures + Around the Neighborhood- FULL DAY \*NEW**

**1 week session.** Campers will have the opportunity to investigate the history and culture of a Chicago neighborhood and then plan an itinerary for their fellow campers. We'll map and plan routes that will highlight culturally significant places and events; places in Ukrainian Village, Pilsen, Wicker Park, Old Town, Chinatown, and more! All campers will be provided with a Ventra card to use during camp. Most of this camp will be spent outdoors and walking, so please dress accordingly. *Content will be the same each session. Weeks 4 & 6*

## **CTA: Chicago Through Adventures + Mobile Street Photography - FULL DAY \*NEW**

**1 week session.** This year we will combine CTA with one of our other popular camps; Mobile Street Photography! You'll get the full experience of CTA camp while also learning to take photos from your most accessible device - your cell phone. Discover little-known sights and new neighborhoods as you learn to navigate the city through public transit. Together with other campers, you will help design a weeklong itinerary that will help you build confidence while learning how to safely ride CTA's trains and buses. Map and plan routes, and complete photo challenges. Experiment with what makes better selfies; and improve your photos with better lighting, composition, and focus. Explore the basics of photography from working with a smartphone camera to using creative apps to develop and enhance your images. Finish the week with a digital slideshow of your work and showcase your new skills gained as a visual storyteller! All campers will be provided with a Ventra card to use during camp. Most of this camp will be spent outdoors and walking, so please dress accordingly. *Content will be the same each session. Week 1*

## **CTA: Chicago Through Adventures + Transportation - FULL DAY \*NEW**

**1 week session.** Part of our CTA+ series, this full day camp will incorporate not just CTA transportation, but buses, water taxis, Metra trains, and more! You will help design a weeklong itinerary that will help you build confidence in riding all forms of transportation throughout the city, all alongside other campers and knowledgeable staff. Camp fees include access to all transportation options during camp. Most of this camp will be spent outdoors and walking, so please dress accordingly. *Content will be the same each session. Week 3*

## **CYC Sailing (5th-8th)- FULL DAY**

### **\*SCHOLARSHIP ONLY\* NEW**

The Chicago Yacht Club Foundation is partnering up with BASE Camp this summer to offer this program to our campers receiving scholarships. A day in Adventure Boating consists of several of the following fun activities: kayaking, stand-up paddleboarding, sailing on our 23' Sonar Keelboats, and marine-based STEM education. This is a fantastic option for youth who want to have a great time on the water with friends! Camps take place in Chicago's Belmont Harbor. Limited space available and this camp is only for campers who receive scholarships from OPEF. **Week 1**

*Daily bus transportation to and from a Julian Middle School will be provided. In partnership with the Chicago Yacht Club Foundation.*

## **Film Making \*NEW**

**1 week session.** Ready, Set, Action! Join us for this new camp, where campers will get a snapshot of the filmmaking and content creation process. In just a week, campers will make a short film, and learn how to write, shoot, direct, and edit their own unique content! Campers will work in rotation on writing, editing, and shooting, learning essential skills such as directing, basic screenwriting structure, basic camera, and lighting skills, as well as the basics of editing and post-production workflow. *Content is the same each session.*

### **Week 1**

## **Frisbee Physics**

**1 week session.** Learn STEAM concepts such as force, velocity, pitch, angle, gravitational pull, lift, drag, angle and buoyancy. Students will predict the flight path of a frisbee and test their predictions. We will take our physics lesson to the field and work on playing Can Jam, Frisbee Golf and Ultimate Frisbee. Note that this camp meets at Beye Elementary School. *Dress in comfortable clothes, with closed-toe shoes.*

### **Week 2**

## **Mural Art \*NEW**

**1 week session.** Ever wonder who makes the wall murals at your school? In this camp, it will be YOU! You will learn the basics of using spray paint and making graffiti art, learning styles and techniques that you'll apply to your masterpiece. Once you've got the basics down, you'll work collaboratively with other campers and graffiti artist and muralist, Josh Valdovinos, to paint and install a large format mural at Julian Middle School. Julian students, stay tuned for ways to get involved in the mural design this spring! **Week 5**

## **Nursing Lab \*NEW**

**1 week session.** Get those scrubs on because in this camp, you will be learning the ins and outs of being a real health care professional! BASE Camp is partnering with Concordia University's Division of Nursing to utilize their simulation lab where campers will engage in a simulated hospital and clinic while working with computerized mannequins to develop critical thinking and "treat" your simulated patients. We'll even learn to suture, use real medical equipment, and get ready for "surgery". Campers will learn hands-on, practical skills like infant/child CPR and first aid with the River Forest Fire Department that will help prepare them for babysitting or maybe even a future job in healthcare! This camp takes place at Concordia University. Note increased cost of this camp due to increased materials fee. **Week 2**

## **Molecular Gastronomy. \*NEW**

**1-week session.** Step into the spectacular world of molecular gastronomy. This hands-on cooking camp combines science, fun and delicious food! Students learn the secrets behind linking physics and chemistry to transform the flavors and textures of food. We will explore innovative cooking techniques such as spherification, emulsification, and gelification to create fun foods like fruit caviar and noodles, flavor bubbles and foam, and transparent ravioli. Come experiment and create your own molecular dishes that are full of flavor! *We can accommodate food allergies and will provide an ingredients list ahead of time.*

### **Week 4**

## Podcast CAMP \*NEW

For campers interested in technology, journalism, and the exciting world of media, PodCampers will interview school and/or civic leaders about real topics, edit the interviews and explain what they learned in their first episode of their very own podcast! Podcasts will be uploaded to a shared site so campers can share their channel with their friends and family. Content is the same each session. **Weeks 5 & 6**

## RADical Self-Defense \*NEW

This new camp, taught and designed by Linda Carlson, a nationally recognized educator at OPRF, will empower campers and give them confidence to tackle tough situations in their everyday lives. This camp is designed to promote awareness, recognition, reduction, and avoidance of aggressive behavior and actions directed toward you and others. Skills and understanding for defense against an aggressor with emphasis on avoiding and escaping an attack are taught. This class is about empowering YOU to take control of YOUR DECISIONS AND BODY!

**Week 1**

## REACH Sailing (5th-8th)

**1-week, full-day session.** Learn to sail on Lake Michigan and explore the science, technology, engineering and math that sailors use every day. We'll take a bus each morning to the Columbia Yacht Club. Using *REACH*, US Sailing's STEM education curriculum, answer questions like: How does this boat float? What does geometry have to do with sailing? Does the wind pull or push a sailboat? Half your day will be spent inside the yacht club doing hands-on, sailing-related STEM activities, and the other half out on the lake on a J/22 sailboat with a US Sailing-certified instructor and five campers per boat. Campers will be grouped by grade, 5th/6th and 7th/8th. *Price includes lunch at the yacht club plus daily bus transportation to and from a D97 elementary school. In partnership with the Columbia Yacht Club.* **PREWEEK: June 10 to June 14**

**8:30 AM to 4:30 PM; departing from D97 elementary school**

## Science of Chocolate \*NEW

**1 week session.** Why is chocolate so tasty? What molecules give chocolate its distinctive properties? If you've got a sweet tooth and want to learn more, come investigate the Science of Chocolate! We'll focus on chocolate-themed activities and experiments including temperature, textures and of course, TASTE! This camp will include products made with dairy and we'll include a list of ingredients ahead of time. Come explore the science of chocolate with us! **Week 2**

## Sew Fabulous \*NEW

**1 week session.** Ever want to make your own clothing, but don't know where to start? Love to accessorize, glam up your outfit, or experiment with different looks? Join us for this new camp, where you'll complete 2-3 simple sewing projects, choosing from a selection of clothing and accessory patterns. Students will learn the basic functions of a sewing machine, how to select and assemble pdf patterns, and how to choose appropriate fabric and notions for their projects. Learning to make your own clothes and accessories is 'sew' much fun! Same content each session. **Weeks 1 & 4**

## Shoe Drip - Apparel Art

**1 week session.** Let your creativity up your wardrobe game. Have you ever looked at a pair of sneakers or other duds and wished you could add that one thing to make it your own design? Embellish and customize your own gear. Start with a bandana or canvas bag, then bring your shoe art to life with paints, bling, or other materials. Walk out with your own unique pair of footwear. *Content will be the same each session. Please dress for a mess.* **Week 2**

## Short Order Chef

**1 week session.** Order up! This camp will introduce campers to the concepts of T.A.S.T.E and the "The Healthy Delicious Plate" from the instructor's book, " Norma Can COOK!". Campers will shop for their ingredients, learn how to read food labels and will cook every day to create a variety of quick delicious healthy meals and snacks. All meals can be made vegetarian and for campers with food allergies. **Week 2**

## Soaps, Balms and Bath Bombs (oh my!) \*NEW

**1 week session** We're excited about this partnership camp with Soapy Roads, a local, all-natural, organic, sustainable soap maker! Campers will create soaps, lip balms, bath bombs, all-natural make-up and more! Please note that the fees for this camp are slightly higher (+\$10) to account for increased materials costs.

**Week 3**

## Spoken Word \*NEW

The Spoken Word community is vast- come explore what your words can do! This camp is designed for writers at any level to come express yourself in a variety of forms. We'll learn about techniques that can enhance our message and, most importantly, consider how poetry can help us share our voices and visions with the world. We'll also work on our presentation skills—come check out our poetry slam on the last day of camp!

**Week 5**

## VEX Robotics- Advanced

This camp is for individuals who already have experience with V5 VEX Robotics and who want to put in some intensive work this summer. This advanced section is meant to help campers excel in design, building and competing. If you have attended a VEX camp in the past, or you are currently in house or competitive robotics leagues, this is the camp for you! *Please note that this camp meets at Julian Middle School, but all interested campers from any school are encouraged to attend.*

## TWO WEEK CLASS

**Pre-week (June 10-14) through Week 1**