

WEEK 7

Cranbrook STEM Camp

THE STEM SCOOP

2019



Our Week in Focus

Welcome to the third week of STEM Camp! This week we will be focusing on how underwater ROVs work, and the engineering design process; campers work in **teams** to build and test their very first basic underwater ROV. Our staff has been preparing engaging lessons and projects aligned with our MIT curriculum as well as preparing a fun and engaging learning environment to welcome your child into our camp community. We are looking forward to an exciting, STEM-filled week of camp!

A Day in the Life of a STEM Camper

- 8:45 - 9:00 ~ Drop-off (Address: 1060 Vaughn Road)
- 9:00 - 9:15 ~ Morning Meeting & New Camper Orientation
- 9:15 - 9:45 ~ Ice-breakers & Community Building Activities
- 9:45 - 10:05 ~ Lesson one
- 10:05 - 10:15 ~ Snack & Free Play Outside
- 10:15 - 11:15 ~ Begin First Project
- 11:15 - 11:40 ~ Lunch
- 12:00 - 12:45 ~ Lesson Two/Swim (Tues./Thurs.)
- 12:55 - 1:55 ~ Continue Working on Project
- 1:55 - 2:20 ~ Snack & Free Play Outside
- 2:20 - 2:45 ~ Community Circle
- 2:45 - 3:00 ~ Pick-up (Showcase on Friday)



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**IMPORTANT
EVENTS**

2019

**Tuesday & Thursday
Pool Day**

Tuesday and Thursday are our pool days. Please make sure your child comes to camp with a swimsuit, a towel and goggles if they plan on swimming at the Natatorium. Send your child to camp with these items in a pool bag.

Thursday Theme Day

Thursday is our camp theme day. This Thursday our theme will be **Wacky Tacky**. Although it is not mandatory to come dressed up to match our theme, we highly encourage it as it helps build our sense of community at camp! We will have activities during snack and free play that match our theme, our classrooms will be decorated and we will have challenges for earlier finishers that also match our theme!

**Cranbrook Theater
School play!**

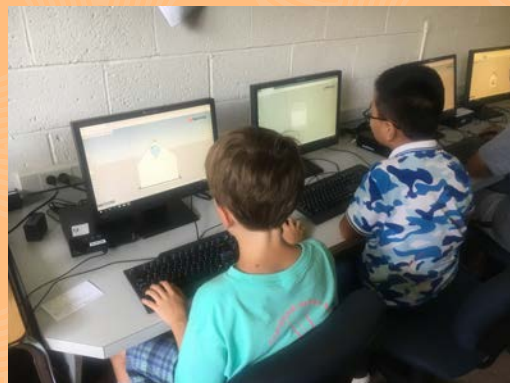
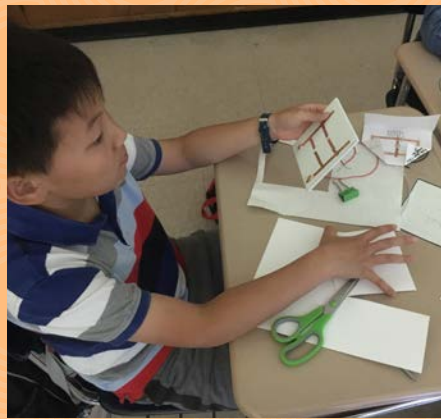
This Monday 7/29 we will be supporting CTS during their dress rehearsal of Winnie the Pooh. Your campers will get a chance to experience the arts during this hour long performance at the Cranbrook Amphitheater.

Friday Showcase

Join us for our Friday Showcase! Family and friends are welcome to come between 2:00 - 3:00 on Friday to celebrate our campers innovation as they display their designs and speak about the Engineering Design Process they used to create their Projects throughout the week. Please park in the Drop off/Pick up Circle off of Vaughn Road if you plan to attend.

ADVANCED 3D PRINTING,
ELECTRONICS ENGINEER
AND DESIGN & KINDNESS
DAY

WEEK 6 IN PICTURES



STEM Reminders

Please remember to bring in an AAM from signed by your physician if your child requires any medications

Drop off is from 8:45-9:00 at the circle cut out at the Boys Middle School off of Vaughn Road

Pick up begins at 2:45. Please remember to place your authorized pick up form on your dashboard to help make pick up run efficiently

Meet Our Staff

Camp Administration

Director: Alessandra Aprea

"Hello! This will be my second year with Cranbrook's STEM Camp. I was an Instructor last Summer and I'm excited to take on my new role as the Director. I have a Bachelor's degree from Oakland University in Elementary Education with an endorsement in Integrated Science and will be teaching in Rochester Community Schools in the Fall. STEM Education is a passion of mine and I can't wait to see that passion thrive within our camp this Summer!"

Assistant Director: Victoria Kendziora

Victoria has a Bachelor's Degree in Elementary Education from Oakland University. She currently works for Rochester Schools and is excited to spend the Summer as part of Cranbrook's STEM Camp.

Office Administrator: Rebecca Darmetko

"I am a current student at the University of Wisconsin - Madison studying education policy and political science. Don't be afraid to pop in and say hello, I enjoy talking and assisting with whatever might be on your mind."

Camp Instructors

Brittnay Bond: "Hello! My name is Brittnay Bond. I will be your child's Summer STEM Camp Instructor. I graduated from Oakland University in December 2018. I currently teach 3rd grade in Hazel Park. I have always had a passion for science, and for educating children. I'm very excited for this opportunity! When I'm not in the classroom, I love to be outdoors by the pool or on the lake with my dog Zoe!"

Morgan Clark: "Hello everyone! My name is Morgan Clark and I'm excited to be re-joining the STEM Camp family for my second year as an instructor! I am currently studying Secondary English and Social Studies Education at Central Michigan University. I also have minors in History and Leadership. I have a long history of both summer camp and teaching experience and I'm so excited to begin another great summer!"

Liz Gossman: Liz comes from Troy Union Schools after she graduated from Oakland University specializing in science and math.

Bobby Tighe: Our newest instructor graduated from Michigan State University and now works in information Technology.

Camp Counselors

Rebecca Schroeder: Rebecca is currently studying Chemical Engineering at the University of Michigan. She will be entering her junior year in the fall. Since she was young, she has loved all things STEM and cannot wait to share that passion with the campers. Her experiences with high level science and mathematics courses throughout high school and the beginning of her college career have helped her develop the critical thinking and technical skills that she hopes to teach others.

Anabel Sicko: "I'm a rising sophomore at the University of Michigan studying environmental engineering. My passion for STEM comes from my experience on my high school's competitive robotics team. In the past, I've volunteered as a coach for elementary and middle school robotics teams and been a counselor-in-training at Camp Kesem. In my free time, I love to cook, read, and play sudoku."

Malik Salman: Malik will be an incoming freshman at the University of Michigan this Fall. He intends to pursue a BSE Material Science and Engineering with a minor in Physics. As part of the MRADS program at the U of M, he hopes to complete research in one of these fields. He has experience tutoring and babysitting kids between the ages of five and seven and previously held a Counselor in Training position at Camp Tannadoonah in Cass County, Michigan. Malik is looking forward to a fun-filled and curiosity-satisfying summer at Cranbrook Camps.

Ciarra Potapa: "I am working towards my Bachelor of Science in Chemical Engineering at Michigan State University. I am currently involved with Women in Engineering (WIE) and Society of Asian Scientists and Engineers (SASE), both organizations volunteer within the community to assist those interested in these fields and celebrate diversity within STEM field. I am excited to extend my knowledge and love for STEM in order to enrich the lives of all."

Emma Pickett: Emma will be an incoming freshmen at the University of Michigan this Fall where she will be pursuing a degree in Engineering. Emma has experience working in a camp setting as a counselor at Marquis Theatre and we are looking forward to her joining Cranbrook this Summer.



STEM Camp Office: (248)-645-3674 option #9-1