



Our 5th week of Robotics camp brought sun, clouds, rain and rainbows, but our campers days were filled with building, designing, swimming, touring and fun!

We are so grateful that your kids were able to spend a bit of their summer with us. They are now preparing to show off the projects they have so meticulously worked on, and all of the skills they have learned this past week.

Please join us for:

Parent Visiting Day

Friday, July 18

Cranbrook Campus
Gordon Science Bldg.

Rising 5th – 7th graders at 2:15pm

Rising 1st – 4th graders at 2:30pm

Please park in the 550 Lone Pine road parking lot. You will be directed up to the Gordon Science building where the robotics day campers will be waiting.

Note: Please bring your dashboard sign or a photo ID for check-in when you arrive, and please inform your child's instructor when/if you are taking your child with you after the event.

Regular bus pick-up and parent pick-up at Friendship Circle is scheduled for 3pm for any campers following their usual dismissal.

WeDo 2025



Liam

Liam has been a pleasure to have. His outgoing and kind attitude towards others has left a positive impact on our camp's community, and he continues to be respectful to everyone. Furthermore, he has a very creative side, which he expressed through drawing and building his robots. It has been great to have Liam with us this week!

Maxwell

Maxwell has been a joy to have this week. He always comes to camp with a smile on his face and ready to work on his robots! Furthermore, he shows kindness and respect towards everyone, always being aware of his surroundings. Also, he has continued to show interest and dedication towards building his robots this week. Maxwell's energy has been a pleasure to have, and we enjoyed having Maxwell with us this week!

Noah

Noah has been a pleasure to have. He is always polite, considerate, and goes out of his way to make others feel comfortable. Whether he's helping clean up or simply sharing a kind word, Noah shows great care for those around him. His presence has made camp a better place, and we've really appreciated having him here this week.

Raffi

Raffi has been great this week! He is always looking for small ways to help, whether it's holding the door open for others or offering a friendly smile. His respectful and courteous attitude has made a strong impression on everyone at camp. Raffi's thoughtful actions have helped create a warm and inclusive atmosphere, and we're grateful to have had him this week.

Stanley

Stanley has brought such a fun and positive energy to camp! His cheerful attitude and sense of humor brighten up every room, and he's always kind to those around him. Whether he's working on his robot or chatting with fellow campers, Stanley makes everyone feel welcome. His friendly nature and joyful spirit have made him a delight to be around all week.

Alexander

Xander was a very hardworking and energetic camper this week. He was incredibly friendly and showed a strong interest in robotics. He had a blast building his pulling robot and playing with it with others. We had a great time celebrating his birthday with the group, and he told us all about his after camp plans everyday! We loved having Xander with us this week!

Alice

Alice was a bit shy at first but quickly became a dedicated camper. She really liked looking for parts and helping others as well. She built a robot simulating earthquakes. She really enjoyed going swimming with the other campers at the natatorium and had lots of fun playing with her friends Josephine and Grace! She was a positive light at camp this week!

Jesse

Jesse brought such a fun and positive energy to camp this week as he quickly identified cars during pickup and dropoff telling the counselors about his favorite cars. He was really diligent when it came to building his racecar robot, and was focused and always making steady progress. Overall, he was a pleasure to have around!

Josephine

Josephine was such a sweet camper, she was patient and got along with the other campers, letting them look in her bin, even helping other campers find pieces. Throughout the week she worked really hard to complete her earthquake robot and was always focused. She especially loves walking around during snack with Grace and Alice. It was such a wonderful time having her at camp!

Kai

Kai was a creative, polite and friendly camper. As he was building his garbage truck robot, he would often work together with Maxwell. He really enjoys building and even when he was done, continued to add personalized robots. He got along with all the campers and was a lot of fun to have in camp!

Boost 2025



Graham

Graham was a very hardworking and energetic camper who added a lot of fun to the group. He showed a strong passion for robotics-always focused, determined, and looking for ways to make his lift better. He loved to talk to the counselors about different sports and share how far along he was on his robot.

Levi

Levi was full of energy and brought a lot of fun to camp, but when it came time to work on his robot, he knew how to stay focused. He put a lot of effort into building his guitar and really enjoyed the process. He was also great friends with Ethan, and they made an awesome team throughout this week.

Teddy

Teddy was a kind and fun camper who brought a great attitude to camp. Even though he joined two days late, he worked diligently and made amazing progress, getting through two stages on the lift build. He really enjoyed making new friends and chatting with the counselors, always bringing a positive vibe to the group.

Paul

Paul was a returning camper and we were so happy to have him back this week. He's very kind and funny, and always brought good energy to the group. He and Charlie were great friends and did most of the activities together. Paul built quickly and worked hard—he chose to do the Robot Man build and was really committed.

Raife

Raife was a very kind and thoughtful camper. Though he started off a bit quiet, he quickly warmed up to everyone and became a great part of the group. He enjoyed visiting his big brother over at VEX GO and loved working on his guitar build, putting a lot of thought and care into it.

Grace

Grace was a very sweet and thoughtful camper who brought a calm and kind energy to the group. She loved music, especially the song Golden, and often talked about it with the counselors. Grace was also incredibly diligent and hardworking when building her robot, staying focused and dedicated throughout. She and Alice were good friends and enjoyed working side by side.

Charlie

Charlie was a returning camper and it was great to have him back. He was very diligent and energetic, always putting in a lot of effort during build time. He chose to build the cat and worked hard on every detail. Charlie was also super friendly and loved talking to everyone, making him a great presence in the group.

Ethan

Ethan was a very nice and energetic camper who brought great enthusiasm to the group. He was diligent and hardworking, especially during the building sessions where he focused on creating his guitar. Ethan and Levi were great friends and enjoyed working and hanging out together throughout the week.

James

James was a very hardworking and kind camper who always treated others with respect. He loved playing with everyone during breaks and had a great time exploring the CIS museum, which was one of his favorite parts of the week.

David

David was very kind to everyone and quickly made friends with the whole group. He loved visiting his brother over at VEX GO and always looked forward to those moments. During build time, he was diligent and focused, putting a lot of effort into his robot.

Anthony

Anthony was very kind and talkative, always bringing great energy to camp. He made friends quickly and loved chatting with the counselors, especially about music. He was hardworking during build time and put a lot of effort into creating his guitar.

VEX GO 2025



Lucy

Lucy is a lively and outgoing camper who worked well with other campers and listened carefully to the instructor's instructions. For Camp Kindness Day, Lucy wrote many inspiring comments for everyone to read. During recess, she played with her friend, Gabriella as well as talked to the instructors. Lucy is a joy to have around as she made everyone smile and always gave her sweet hugs. Throughout the week, her positivity was appreciated and made a wonderful impact. We look forward to having her again!

Gabriella

Gabriella is a very kind student to all her friends and all the counselors. We have taken note of her competitive spirit and her desire to keep improving her robot for all the games the campers prepared this week. We have also noticed

how kind she is to Mrs. Nadia and her mom! She always has a positive attitude and we love having her around during the day.

Issac

Issac is a very enthusiastic camper who loves showing off his robotic skills to all his friends. He wants to continuously experiment with different techniques and always tries to improve on what he is doing. He is also very fun to have around during lunch and when we play outside due to his fun and outgoing personality. We hope to see him again.

Theo

Theo is a thoughtful and engaged camper who is always ready for any robotics activity. Although being a bit quiet the first day, he quickly gets along with everyone and becomes friends with them. When there were issues among the group, Theo was always there to talk and negotiate it through. Theo's passion for robotics and his insightful nature makes him a great camper to have this week.

Dhruv

Dhruv is a calm and dedicated camper who approaches robotics with his creativity and enthusiasm. Dhruv listens to the instructor's instruction and expresses his appreciation to everyone around him. Dhruv has many creative ideas for his robot and tries his best to accomplish it. Dhruv is an amazing friend that shares his advice with people around him. We are glad to have Dhruv here at camp again.

Jonathan

Jonathan is a friendly and enthusiastic camper who really enjoys building a robot. Jonathan easily gets along with other campers and works well during group activities. He especially enjoys playing with Max outside and working on their robots together. Jonathan builds his robots with great attention and tries his best on it. Jonathan's hardworking and outgoing personality makes him a great add on to the camp.

Oscar

Oscar is an energetic and supportive camper who brings his energy to the whole camp. On the first day when others were struggling with building, Oscar bravely stood up and shared his experiences with others. Beyond his kindness, Oscar enjoys building his robot and approaches it with great enthusiasm. He always brings his smile and positive attitude around and we enjoyed having Oscar here.

Audrey

Audrey is a respectful and cheerful member of the group who approaches robotics with patience and creativity. During the building process, Audrey carefully checks and makes sure she has the step correct and does each step with precision and dedication. Audrey also had a lot of fun with her friend, Sanaya, during snack and lunch time. It was really fun having Audrey at camp this week.

Sanaya

Sanaya is a focused and polite camper who pays great attention to every activity and works hard for every detail. When instructors are giving instructions, Sanaya listens with great attention and responds to the instructions by working immediately and following through with carefulness. Sanaya enjoys spending time with Audrey and her constant effort makes her a valuable part of the community.

Margot

Margot is a caring and engaged camper who enjoys robotics and playing around with her friends. When encountering an issue, Margot actively seeks for ways to help solve the issues and utilizes her problem solving skills. Margot stays focused when building the robot and always brings a big smile with her when she's around others. Her friendly and focused attitude makes her a great add on to the camp.

Thomas

Thomas is a patient and dedicated member of the group who addresses every step with great detail and precision. Every day, Thomas walks into the room ready to be working on his robot, and he is especially passionate about the

building process. Thomas works well with peers and brings his cordial attitude to everyone around. His friendly attitude and work passion makes him a great part of the community.

Mason

Mason is a calm and respectful camper who pays great attention to the instructor's instructions. Although missing a day, Mason quickly caught up with his peers through his hard work at the same time actively participating in the group activities. Mason worked well with others and contributed lots of his ideas to the fields. Mason's polite and cooperative approach makes him a delight to have at camp.

Zachary M

Zach is a lively and enthusiastic camper with a genuine passion for robotics. Every morning, he's excited to begin working on his robot, approaching each task with focus and a desire to improve. He's thoughtful in his building process and constantly seeks ways to improve his designs. Zach is friendly and supportive, always willing to help his peers. His positive attitude and great sense of humor make him a wonderful presence in the classroom and a valued part of the camp community!

Caroline

Caroline is a kind and focused camper who consistently stays engaged during activities. She collaborates well with her peers and listens attentively to instructions. Caroline shows great enthusiasm for robotics and approaches each task with care and dedication. She works independently and stays on track without needing reminders. Her respectful attitude and steady effort contribute to a positive environment, making her a strong role model and a valued member of the group.

Elon

Elon is a calm and polite member of the group who approaches each activity with focus and precision. He listens carefully to instructions and consistently follows through with care. Although quiet, Elon works well with his peers and brings a friendly, respectful attitude to the group. His responsibility and cooperation have made a positive impact on the camp community.

Max

Max is a friendly and outgoing camper who helps create a fun and welcoming environment. He worked cooperatively with his peers throughout the week, whether playing games, exchanging jokes, or teaming up on projects. Max developed code for his robot and continually sought ways to improve it. His lively attitude and collaborative spirit made him a great addition to the camp, and we appreciated having him.

Zachary T

Zach is a well-behaved and focused camper who approaches building and coding with dedication and attention to detail. He thoughtfully adapts his robot to bring his creative ideas to life and consistently demonstrates a collaborative and supportive attitude when working with others. Zach's quiet determination and strong teamwork make him a valuable member of the camp community.

Leon

Leon brings great energy and enthusiasm to camp each day. He approaches every activity with curiosity and creativity, whether it's building robots or playing group games. His positive attitude and sense of humor help create a fun and friendly environment. Leon's willingness to try new things makes him a standout and valued member of the group.

VEX IQ 2025



Our Vex IQ instructors, Mr. Sanjay, Ms. Sophia, Mr. Vaarin, Ms. Kharma and Mr. Elmer have all enjoyed a great week of camp! All of the campers made this week exceptional, with everyone learning how to construct and program their robots for the VEX IQ competition. While a few students came in with prior experience with VEX IQ, most were newly introduced and each individual rapidly grew their understanding.

This season's competition is called "Mix and Match". The object of the game is to score points by stacking pins and putting stacks into bonus areas. Campers could build a robot from instructions, called "Huey", or create their own design. Robots were programmed using a graphic software called VEXcode IQ, which is based on the Python programming language.

Gavin and Hudson

Gavin and Hudson are experienced roboteers and built a high performing robot. They were generous with helping other campers work on their robots and sharing lessons that they'd learned. They practiced both their autonomous coding and driving skills, preparing them well for the challenge.

Dino and Zakir

Dino and Zakir had a lot of fun socializing and building their robot together. They enjoyed the process of learning through testing and debugging. They are both careful workers and kind campers, who brought a great energy to camp this week.

Griffin M and Julian

Griffin and Julian wanted to make use of all 6 motors that are allowed. They tried different set ups, deciding that a second lift motor was the optimal one. They made several design iterations of their claw to get it working well.

Drew, Kate and Niyaa

Drew, Kate and Niyaa worked well together, splitting up the tasks. Niyaa worked on the lift and arm, Kate built the robot base and Drew wrote the initial code. They then spent a lot of time perfecting their autonomous programming. They each worked efficiently and with great teamwork. Their fun energies and willingness to collaborate made them great additions to camp this week.

Nicholas

Nick worked on an innovative robot with 3:1 gearboxes on its drivetrain. He also built a rotating claw. Nick enjoyed showing his ideas to the other campers. His innovation and dedication to engineering his robot made him a great camper to work with this week.

Sam and Caleb

Sam and Caleb collaborated to build their robot, showing great teamwork. They also worked well together on strategy and driving. They worked carefully on their robot, ensuring it was built to the best of their abilities. They spent

time perfecting their driving skills, creating great opportunities for them to compete in the challenge.

Zade and Griffin R

Zade and Griffin R were excited to get their robot assembled, working together very efficiently. They collaborated well, dividing the work equally among themselves. They spent the majority of their time building and adding pieces to upgrade their build. Their dedication and passion made them awesome additions to our camp this week.

Ashwin

Ashwin worked very diligently to assemble and debug his robot. He was careful to make sure that all the parts worked together properly. He was also very interested in the rules of the game so he could devise a good strategy. He was dedicated to practicing his driver skills, preparing him well for the final challenge.

Jack

Jack began this week with his robot from the previous week and made some improvements. He redesigned the alignment device and developed a sophisticated design. He also spent a lot of time working on an autonomous program that could score stacks of 3 pins. His innovation and creativity made him a great camper this week.

Abby and Ava

Abby and Ava spent their time working on their autonomous code for the robot, resulting in lots of skills points for their team. They worked together great, spreading the work among themselves and showing great dedication to their projects. Their hard work inspired others to give the skills challenge a try, which was awesome to see.

Avery and Jack

Avery and Jack worked together and put their robot together quickly. Coding was a priority for them. They added Touch LEDs for some visual excitement

and also coded the robot to play tunes. Their collaboration and hard work made them an awesome team to have this week.

Auggie and Asher

Auggie and Asher built an innovative double claw that could pick up two pins at the same time. They also built their own linear lift mechanism. They then spent their time practicing their driving skills, and even began coding an autonomous program. This week, they brought creativity, dedication, and a great work ethic, which was awesome to see.

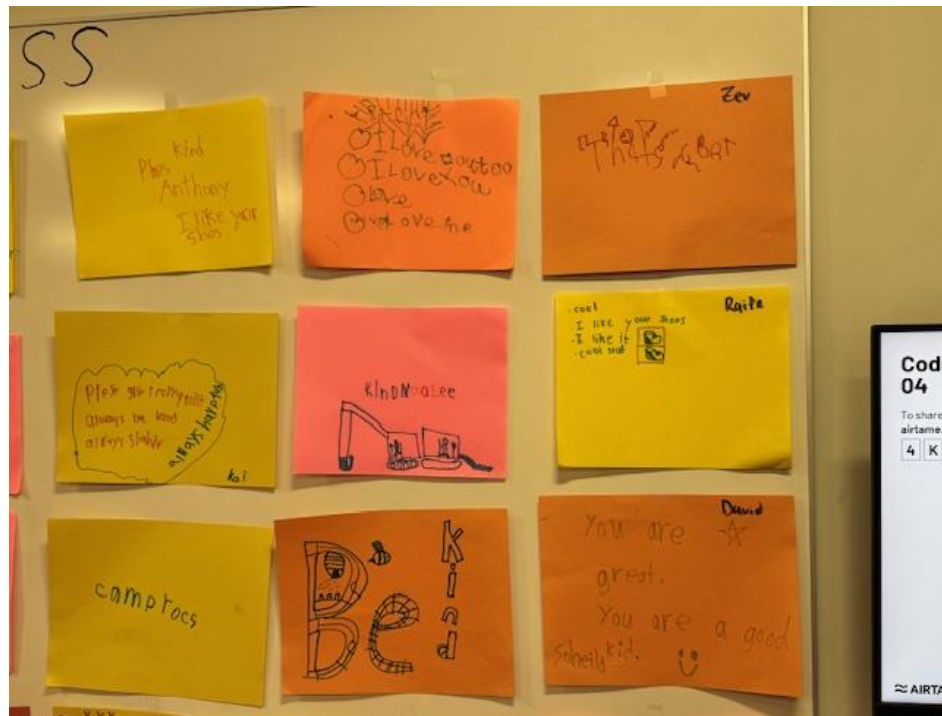
This Week:

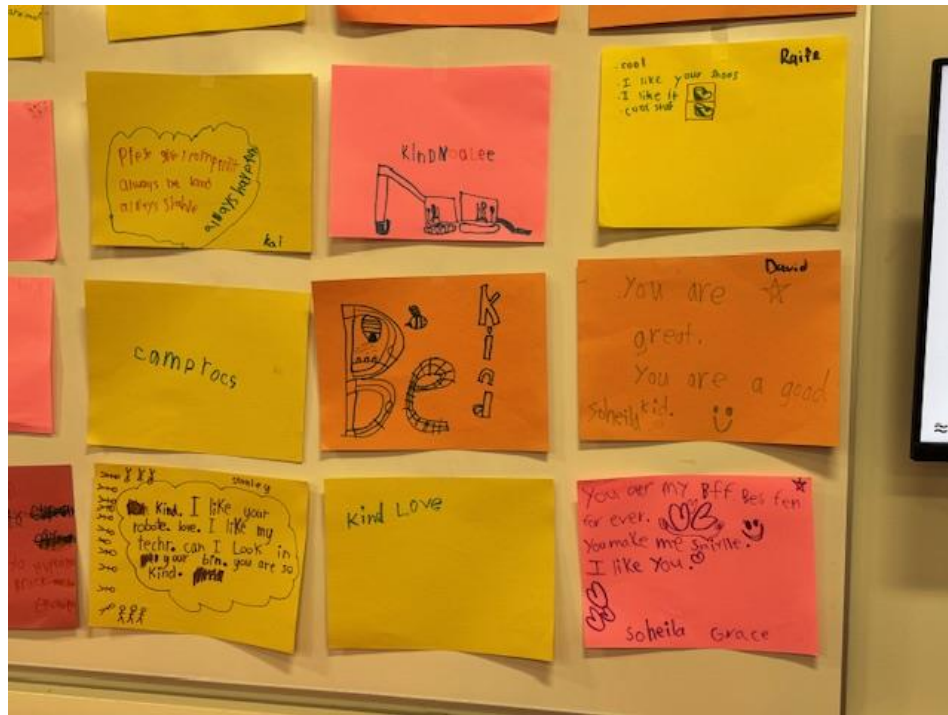
On Wednesday, the campers enjoyed a break from robotics and beat the heat at the Natatorium. Many made it to the deep end and had a blast jumping off the diving board. At the Cranbrook Institute of Science on Thursday, campers got to explore all that the museum has to offer. This includes hands-on physics exhibits, a T-Rex skeleton, and an awesome rock and mineral collection

During our snack times, the campers would enjoy their snacks outside in the Cranbrook quad. The camper's favorite game to play during this time was volleyball. Our camp group played a special "counselors vs campers" game (as requested by the campers) that encouraged strategizing and teamwork, and the campers and counselors had a blast playing.

As the week comes to an end, it has been an enjoyable and productive time to explore both engineering and robotics, while most importantly being able to make new friends and fun memories. The campers will finish the week by participating in a VEX IQ Mix and Match tournament, where they can demonstrate their robots in official Teamwork Challenge rounds and Skills runs.

Camper Kindness Day





Be kind all year
round!