



Please join us for:
Parent Visiting Day
Friday, July 25
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.

July 25
Newsletter

It is hard to believe we are in our 6th and final week of Robotics Camp 2025!

Our warm, sunny and sometimes rainy summer did not stop your kids from having a blast, building their robots, swimming at the Natatorium, and touring the Cranbrook campus! Our counselors have been in awe of their ability to design, build, and problem-solve any obstacles that have come up!

Whether making new friends or meeting up with past robotic pals, they've shown their excitement in all the activities they have participated in.

Your kids are simply awesome!

We hope the rest of your summer is safe and fun, and we hope to see your kids back next year in

ROBOTICS DAY CAMP 2026

WeDo '25



Alice:

Alice, our returning camper, came in confident and ready to get to work. She loved searching for parts and was always eager to lend a hand to others. This week, she built a robot that simulated a grabber and stayed super focused throughout the process. Alice had a blast swimming at the natatorium and spending time with her friends Grace and Bina—her energy and kindness made camp even better.

Arielle

Bina was a very kind and thoughtful camper who brought a calm, creative presence to the group. She especially enjoyed swimming and was good friends with Alice, often spending time with her during breaks. Bina loved to draw and was always surrounded by friends. She built the pulley robot and showed great focus and care while working on it.

Arik

Arik was a very kind camper who made friends with everyone at camp. He loved chatting with the counselors and was always engaged in conversation. Arik built the volcano robot and worked hard on it throughout the week. He also really enjoyed swimming and looked forward to it every day.

Emerson

Emerson was a kind, thoughtful, and respectful camper who always treated others with care. He was good friends with Lee, they sat next to each other and enjoyed spending time together during snack breaks. Emerson stayed very focused while building his helicopter. His calm and kind presence made him a wonderful part of the group.

Harlen

Harlen was a very helpful and kind camper this week. He had a blast building the helicopter robot and playing with others. He was very kind and thoughtful to everyone around him. He loved talking about his favorite game *Grow a Garden* and made lots of pipe cleaner fruits to show the counselors!. It was a blast having Viggo at camp this week!

Jesse

Jesse was a returning camper, he was incredibly kind and, always bringing thoughtful conversations to the group. He loved talking about cars and could chat with the counselors about anything. Jesse was very focused and determined throughout the week, especially while building his helicopter. His curiosity and friendly nature made him a great camper.

Kai

Although Kai was a bit shy at first, he quickly showed himself to be a kind and thoughtful camper. He was very focused while building his racecar and took a lot of pride in his work. Kai especially enjoyed playing outside during snack time and had a great time with his camp friends. His quiet dedication and sweet nature made him a joy to have at camp.

Lee

Lee showed a great interest in robotics displayed as he worked on building and coding his racecar robot! He was an enthusiastic and positive camper and freebuilding with others and talking with his friends. Lee looks forward to going to the science museum! He was great to have at camp this week!

Milo

Milo was such an amazing camper and he showed a real passion for robotics. He had a great time working on the bee robot and stayed very focused throughout the project. During break and snack time, he loved spending time with his friends. He was an absolute pleasure to have at camp.

Remy:

Remy was a very kind and thoughtful camper who was always willing to share his bin with others, and we loved having him for his second week. He showed great focus while building, especially when working on his morse code robot. It was a blast having Remy at camp this week!

Stanley

We have truly enjoyed having Stanley throughout this summer. He was an energetic, fun, and hardworking camper all week as he showed a strong interest in robotics. He efficiently built his gorilla robot with only photos and loved playing with his robot with others. It was great to have Stanley at camp this Summer!

BOOST '25



Aaron

Aaron was a joy to have at camp—always kind and respectful to everyone. We found out he enjoys singing and has a really nice voice. He was best friends with Leo, and they often spent time together during snack and build time. Aaron was very focused when building his guitar and showed great dedication throughout the week.

Charlie

Charlie was returning camper, and he was incredibly focused and determined while building his factory robot. He was always kind to everyone around him and created a welcoming environment for others. Charlie especially loved playing outside during snack time with his friends. His dedication and positive attitude made him a great presence at camp.

Ethan

Ethan, a returning camper, was incredibly kind and thoughtful with a fun, energetic spirit. He loved playing with everyone and brought so much enthusiasm to camp each day. He was great friends with Levi, and the two sat next to each other and worked together often. Ethan built the robot and stayed really focused and determined throughout the building process.

Graham

Graham brought a ton of energy and enthusiasm to camp and was always a hardworking presence in the group. He was passionate about robotics and stayed determined throughout the week, constantly looking for ways to improve his lift robot. Graham enjoyed chatting with the counselors, especially about sports, and was always excited to give updates on his progress. His drive and positive attitude made him a great part of the team.

Grayson

Grayson, a returning camper from a previous week, came in with great energy and focus. He enjoyed chatting with both his friends and the counselors, always bringing a lively spirit to the group. Grayson was especially focused while building his guitar, putting in a lot of effort and care. His enthusiasm and determination stood out all week.

Preston

Preston was such an energetic and lively camper! He brought a ton of energy and excitement to the camp! He got along well with the other campers and was always having fun and playing games with the other campers. He especially loves playing Gorilla and Turtle tag with the other kids. Although he had a late start, he worked really hard and was able to complete his forklift robot.

Grace

Grace was an awesome camper this week! This week she decided to do the cat robot and all throughout the week she was very diligent and hardworking. She made sure to always include others when playing and made games that included everyone. She also really had a lot of fun drawing and playing with pipe cleaners with her friend Alice.

Raife

Raife was an amazing camper this week! Throughout the whole week he had a lot of fun building and playing with the robot. He was hardworking, making fast and steady progress on finishing his robot. Constantly, adding different accessories and more to his robot.

Teddy

Teddy was a returning camper from last week and this week he came with even more energy than last week! This week he decided to build the robot and all throughout the week he was very passionate and focused on completing his robot. He also had a lot of fun playing with the other campers and made a lot of friends! He especially had a lot of fun playing Gorilla and Turtle tag with the other kids. It was a great pleasure to have him at camp with us.

Levi

Levi was a returning camper from last week and brought even energy and fun this week! He would often, during breaks, play games and create new games to play with the other campers. He especially enjoyed hanging out with his friends Ethan, always talking and spending time together. This week he decided to build the robot, and stayed focused while building it. His lively presence made him a great part of the group.

Leo

Leo was an incredibly kind and thoughtful camper, he brought a great energy to camp and had tons of fun! Throughout the week he was very determined and focused on completing his guitar robot. As well always letting others look in his bin and polite when asking for help. Leo had a blast playing outside and always spent great time with his friend Aaron.

Zev

This week, Zev enthusiastically learned building skills!. He built a variety of projects, including mechanical robot arms, a moving clock, and a spirograph! He was eager to learn this new platform and excelled in each task he was given. His passion and dedication brought great energy to camp.

VEX GO



Zachary M

Zach is an enthusiastic and dedicated camper with a strong interest in robotics. He begins each day eager to work on his projects, approaching tasks with focus and a commitment to improvement. He is thoughtful in his design process and consistently seeks ways to improve his work. Zach is also friendly and supportive, readily assisting his peers. His positive attitude and sense of humor make him a valued member of the classroom and camp community.

Oscar S

Oscar is an energetic and motivated camper who brings enthusiasm and creativity to robotics camp. He is enjoyable to work with and collaborates well with others, often taking initiative and showing leadership, especially during the building of the obstacle field for the theme of the week. During recess, he loves to draw with his friend Zach M and enjoys sharing his artwork with his peers. His collaborative spirit and positive attitude make him a strong contributor and a pleasure to have in the group.

Elon

Elon is a respectful and attentive camper who approaches every task with focus and precision. He listens carefully to instructions and completes his work with care and consistency. Though soft-spoken, Elon interacts well with his peers and shows a friendly, respectful attitude, particularly during recess when joining in group activities. His reliability and collaborative spirit have made a positive contribution to the camp environment.

Zachary T

Zach is a respectful and attentive camper who approaches both building and coding with commitment and precision. He carefully adjusts his robot to reflect his creative ideas and consistently shows a cooperative and helpful attitude when working with others. Zach's steady focus and strong sense of teamwork make him a valuable part of the camp community.

Justin

Justin is a polite and committed camper who approaches robot building with focus and attention to detail. He interacts well with his peers and especially enjoys spending recess with Zach T, whether playing volleyball or other games. Justin thoughtfully refines his robot to bring his creative ideas to life and consistently demonstrates a collaborative and supportive attitude when working with others. His dedication and strong teamwork brought a wonderful energy to camp this week.

Lucy

Lucy is an enthusiastic and sociable camper who collaborated well with her peers and followed the instructor's directions attentively. During recess, she enjoyed playing with other campers and actively took part in group activities after lunch, including volleyball. Her cheerful presence and kind gestures, like offering hugs, brought smiles to those around her. Lucy's positive energy was valued throughout the week and made a meaningful impact on the camp community.

Everett

Everett is a thoughtful and respectful camper who brings a calm and focused presence to camp each day. During lunch, he enjoys sharing interesting facts and engaging in meaningful conversations with fellow campers. He puts care into building his robot and takes great interest in testing it through obstacle courses. Everett's enthusiasm, attention to detail, and kindness have contributed positively to the camp environment this week.

Jack

Jack is a hardworking and curious camper who brings a positive and focused energy to camp each day. He approaches activities with enthusiasm and especially enjoyed our visit to the museum, where he eagerly identified various sea animals and shared what he knew with others. Jack listens attentively during lessons and engages thoughtfully with each task. His strong interest in learning and his friendly attitude make him a valued and enjoyable member of the group.

Oscar K

Oscar is a calm and focused camper who approaches robot building with care and attention to detail. He works through each step thoughtfully and consistently takes pride in doing his best work. Oscar is respectful and works well with others, often contributing to group efforts with a quiet confidence. His steady determination and cooperative spirit have made him a valuable and positive presence in the camp community this week.

LJ

LJ is a focused and outgoing camper who brought enthusiasm and creativity to camp each day. He quickly and confidently built his robot, showing strong initiative and a clear understanding of the task. Outside of robotics, LJ enjoyed sharing his drawings with counselors and engaging in conversations with peers. His positive energy, curiosity, and friendly nature made him a joy to have in the group this week.

Ron

Ron is a cheerful and enthusiastic camper who brings a fun and positive energy to camp each day. He enjoys sharing his favorite interests, especially Harry Potter, with both counselors and peers. During building time, Ron approaches his work with a clear sense of organization, which helps him complete tasks efficiently and with care. His bright personality and thoughtful approach have made him a valued and enjoyable member of the group.

Gabriella

Gabriella is a cheerful and curious camper who enjoys learning and connecting with others. She often engages in friendly conversations with her peers and shows interest in trying new things. This week, she created a working drill using a gear ratio, showing creativity and enthusiasm in her building. Her positive attitude and willingness to explore new ideas made her a great part of the group.

Margot

Margot is a focused and hardworking camper who built her robot efficiently, giving her time to add creative features. She listens attentively and brings a cheerful attitude to camp each day. Her enthusiasm and thoughtful approach made her a positive part of the group.

Adam

Adam is a hardworking and creative camper who brings thoughtful ideas to his projects. This week, he built an impressive garage for his robot that functioned smoothly and showed strong design skills. His focus and imagination made him a great contributor to the group.

Jonathan

Jonathan is a very happy and curious camper who enjoys learning and exploring new ideas. He is outgoing and eager to engage with others throughout the day. This week, he added a drill attachment to his robot, showing creativity and enthusiasm in building. Jonathan's positive attitude and curiosity have made him a lively and valued member of the group.

Leon

Leon is a positive and energetic camper who always brings his enthusiasm to camp. Using his robotics knowledge from previous weeks, Leon designed and built his own robot from scratch, showcasing his creativity and knowledge. Even when encountered an issue, Leon didn't give up and he kept trying to make his robot better. Leon is also really outgoing and makes friends with everybody around and we're happy to have him again.

Theo

Theo is an outgoing and creative camper who builds a lot of creative add ons for his robot. During the week, after Theo finished with the bases of the robot, he began to build an add on for his robot that matches this week's theme and he came up with a fascinating drone and other additional features. When others needed help, Theo always reached out to give help and support. Theo's positive energy and creativity makes him a delight to have at camp this week.

Sydney

Sydney is a polite and friendly camper who always welcomes everyone with her warm smile. Over the week, Sydney was very attentive when building her robot and paid great attention to the details. She also listens and pays respect to the instructor's instruction. During recess, Sydney enjoys playing around with her friend Kate and other girls too. We enjoyed having Sydney this week.

Kate

Kate is a warm and curious camper who enjoys investing into robotics and especially building. Kate builds the robot with great precision and pays a lot of attention to details. She also actively listens and responds to the instructor's instruction. During free time, she enjoys playing volleyball with her friend Sydney. Kate's cheerful attitude and precision toward robotics makes her a pleasure to have this week.

Omar

Omar is a calm and hardworking camper who enjoys the robot building process. When encountering an issue with his robot, Omar peacefully uses his problem solving skills and actively thinks of solutions to try and solve the problem. Omar is also a great listener to instructor's instructions and respects the people around him. Omar's enthusiasm for robotics and his respectfulness brings a positive impact to camp.

JT

JT is an energetic and outgoing camper who is not hesitant to share tips and advice to other campers. Whenever someone needs help or support, JT will always volunteer himself to try and solve the issue. During recess, JT enjoys playing volleyball and with his friends. JT is also really patient building his robot and always tries his best. JT's warm heart and energy made him an important presence to have at the group.

Hayden

Hayden is a calm and hardworking camper who always tries his best for robotics. Hayden came in with robotics knowledge from previous weeks, so he quickly got started with it. After he finishes the basics, he continues to try and make his robot better and better through his knowledge. Hayden also treats everyone with his warm smile and respectful attitude. We really enjoyed having Hayden this week.

Atlas

Atlas is a hardworking and dedicated camper who makes great efforts to always do his best building! Although he missed the first day, Atlas quickly caught up with everyone else by finishing his robot and even taught himself how to code! Atlas pays great attention to the instructors detailed information and instructions, showing respect for everyone around him. Atlas's hard work and dedication to robotics has brought a positive atmosphere to the robotics camper community.

VEX IQ '25



Our Vex IQ instructors, Ms. Sophia H, Ms Sophia T, 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 graphic software called VEXcode IQ, which is based on the Python programming language.

Gavin and Zakir



Gavin and Zakir spent their time working on making improvements to their robot. They spent a lot of time on autonomous coding. Gavin built an innovative claw design that intrigued the campers.

Zade and Neil

Zade and Neil were eager to make improvements to their robot. They added a second motor to the lift to make it faster and more reliable. They also looked into modifying the claw so that it could pick up beams.

Nick

Nick focused on refining and testing the rotating claw he built previously. He made adjustments to improve its precision and grip strength, then integrated it into his full robot design. Nick also spent time troubleshooting alignment issues and practiced using the claw.

Griffin, Julian and Avery S.

Griffin, Julian, and Avery began with a robot they had built the previous week, which gave them the chance to get a head start on coding. They taught each other what they knew, and worked hard on an autonomous code.

Kate and Avery L.

Kate and Avery were interested in autonomous coding and spent a lot of time perfecting their code. They studied the rules carefully and developed a program that could autonomously make multiple stacks.

Rui and Vihan

Rui and Vihan worked together well, carefully assembling their robot. They wrote their own drivers program so that the remote control worked exactly like they wanted. They also had a lot of fun showing their talent with rubik's cubes during snack and break time.

Dino and Felix

Dino and Felix worked mainly on their driving and autonomous coding skills. They showed great enthusiasm to try new things and make improvements. They also made enhancements to their robot to give it a distinct appearance.

Ethan

Ethan worked diligently to code the drive train of his robot and practice driving on the course. He collaborated well with the other campers and was always communicating with others to share ideas and brainstorm new solutions.

Brenden and Parker

Brenden and Parker worked well together building their robot. They worked quickly and efficiently, finishing their robot within the first two days, and still had time to entertain the camp counselors with engaging conversation.

Lawrence and Sam

Lawrence and Sam worked hard on their robot. They spent a lot of time driving, and perfecting their strategy for the challenge. They wanted a strategy that could pick up beams and stack pins efficiently.

Auggie and Rishi

Auggie and Rishi got straight to work on their robot, creating modifications and fixing pre-existing problems with their double claw. They spent time working on their autonomous and getting double stacks with their double claw.

This Week:

On Monday, campers watched the Cranbrook Theatre camp rehearse a part of "The Addams Family". On Tuesday, they took a short hike to the Japanese Gardens. 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.

