

July 3, 2025



Welcome new and returning campers to our 3rd week of Cranbrook Robotics Summer Camp! We are thrilled that you have chosen to spend part of your summer with us. Each week is planned out so that every camper will have the opportunity to expand their problem-solving skills, strengthen their design and building ability, and meet new friends along the way!

We hope you will join us for Parent Visiting Day this Thursday! Please read below for details!

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PARENT VISITING DAY
Thursday, July 3, 2025

WeDo - 1st Grade - 2:30 PM

Boost - 2nd Grade - 2:30 PM

Vex Go - 3rd & 4th Grade - 2:30 PM

Vex IQ - 5th - 7th Grade - 2:15 PM

Please park in the 550 Lone Pine Road lot and someone will be there to guide you to your campers' location.

WeDo 2025



Benjamin

Benjamin: Benjamin was an amazing camper this week. He was very generous with offering his parts to his classmates and playing with Christopher and his other friends. He was attentive to instructions, kind, and he made fast progress on his helicopter. We were so happy to have Benjamin return this week.

Amir:

Amir was a very creative camper this week. He drew lots of pictures for his sister and the instructors. With Amir's drawings, our Art Wall became so lively! Although Amir had a rocky start, he ended up building a very fast racecar. He was amazing to have this week!

Christopher

Christopher is a very friendly camper! He loved to play with his helicopter robot with his new camp best friends, Alexander and Benjamin. He was very hardworking and kind to all around him. We were all very happy to have Christopher around this week!

Alexander

Alexander was a very hardworking and energetic camper this week. He was incredibly friendly and showed a strong interest in robotics. Alexander had a blast building his helicopter and playing with it around his peers. During break times, he loved running around with his friends Noa and Christopher. We loved having Alexander with us this week!

Emilia

Emilia was a very thoughtful camper this week! She was great friends with Samira, and they always were together whether it be snack time or walking to the natatorium! Emilia had so much fun building the frog robot along with her friends. She was an absolute joy to have at camp this week!

Oliver

Oliver was a bit shy at first but quickly became a dedicated camper. Oliver really liked looking for parts himself. His favorite robot he built was the racecar; he enjoyed playing with the sensors and the speed. He also really enjoyed going swimming with the other campers at the natatorium. He was a positive light at camp this week!

Olivia

Olivia was focused and worked diligently on her robot throughout the week. As a returning camper Olivia built a gorilla robot by only looking at two pictures which showed the finished design of the robot. She always enjoys going to the pool and playing games with her table mates and friends. She was a joy to have at camp this week!

Stanley

Stanley was a very hardworking and fun camper who added a so much joy to the group. He showed a strong passion for robotics—always focused, and looking for ways to improve his robot grabber. He loved to play around with the counselors and his friends!

Viggo

Viggo was a very helpful and kind camper this week. Viggo had a blast building the racecar and playing around with the speed. He was very kind and thoughtful to everyone around him. He is really looking forward to the science museum on Thursday. It was a blast having Viggo at camp this week!

BOOST 2025



Steele

Steele brought a fun and positive energy to camp this week, as always. He was very kind and helpful to everyone around him. He especially enjoyed talking with his friends Noa and Kensington about Roblox and other games. Steele is having a fun time building the robot and going along with the process. We really enjoyed having him back this week!

Sayuri

Sayuri was a very energetic and kind camper this week. She enjoyed helping others and offering her parts to her tablemates. She and Noa were very close and they were building side by side and were often on the same steps for the lift robot. Sayuri absolutely loves going to the salad bar during lunch, and she has a few friends that go with her. She was a joy at camp this week!

Taron

Taron was very focused and worked very hard on his robot this week. Throughout the week he made steady progress on his robot and had a lot of fun building! He brought a great and positive energy to camp, often playing and getting along well with the other campers. And made a lot of friends. It was such a joy to have him at camp

Victoria

Victoria was very hardworking and diligent this week! She was very focused on building her forklift robot and made steady progress in it all throughout the week. She was so polite when asking for help from others. She got along well with the other campers and during lunch would often go to the salad bar with her friend Sayuri. It was wonderful to have her here this week!

Aarin

Aarin was such a great and kind camper this week! He worked very hard on his forklift robot all throughout the week and made steady progress on it. He got along really well with the other campers and was so polite when asking for pieces or help. He would often help his friend and seatmate, Finn when looking for pieces for his robot. It was a joy to have him this week at camp!

Finn

Finn was a very cooperative camper who was great at listening and following instructions. He was incredibly fast at building his lift robot, and is very knowledgeable in many fields such as chemistry. He has made many friends and had a lot of fun swimming. He brought great energy and positivity to camp this week!

Kensington

Kensington is very independent and has built her robot without requiring much help from others. Kensington built her guitar quite fast, and did not have many issues when building. She is very hardworking and has started to code her guitar. She was a joy to have at camp this week!

Max

Max was a very kind camper who was willing to help others, and share his own parts. He often allowed others to get parts from his box, and he got along well with the other campers. He has been focused and has managed to get a lot done, very quickly. We loved having Max at camp this week!

Noa

Throughout the whole week, Noa was very kind and excited! She brought a fun and positive energy to camp. And she made many friends and would often help her friends find pieces and even let them look in her bin. She was also very close with her seatmate Sayuri and matched each other step by step helping each other along the way. It was wonderful having her here at camp this week!

Zev

Zev was an amazing builder who was very diligent in finishing his factory robot without requiring much help. He was also very excited, energetic and talkative from the beginning of the week to the end. He loves to talk about planets and space with the other campers! Especially about NASA! It was such a joy to have him at camp!

Vex Go 2025



Calla

Calla brings a calm and steady presence to camp. She stays focused during each activity and approaches every task with quiet determination and care. Her ability to work independently and stay on track without reminders is truly admirable. Calla's thoughtful approach and consistent dedication make her a great example for others and a valued member of the group.

Elisabeth

Elisabeth is a warm and thoughtful camper who treats everyone around her with genuine kindness and respect. She is always polite and considerate, creating a welcoming atmosphere for her peers. Whether helping a friend or simply sharing a smile, Elisabeth's gentle nature and positive attitude make a lasting impact. She's a wonderful part of our camp community.

Leon

Leon brings high energy and enthusiasm to camp each day. He's always ready to jump into activities with excitement and a curious mind. From robot building to group games, Leon approaches everything with creativity and a big heart. He has a great sense of humor that keeps the group smiling, and his willingness to try new things makes him a standout camper.

Veer

Veer is a thoughtful and motivated camper who always brings quiet focus to his work. He stays on task and takes pride in the quality of his work. He is a great collaborator with peers and he is quick with his swimming strokes! Veer's composed attitude and strong sense of responsibility make him a dependable and respected part of the camp.

Sebastian

Sebastian has a natural way of making camp brighter for everyone. His cheerful personality and inclusive spirit create a sense of community wherever he goes. He's not only friendly and encouraging but also brings creative ideas to his robot designs. Always ready to help and connect with others, Sebastian's kindness and innovation shine in everything he does.

Aleeza

Aleeza is a curious and friendly camper who enjoys exploring new ideas, asking thoughtful questions, and participating in group activities with enthusiasm. She always listens to instructions carefully and isn't afraid to ask questions when something is unclear, showing a strong eagerness to learn. This week at the Natatorium, she had a great time swimming and playing with her friends, showing both teamwork and joy in every moment.

Ameya

Ameya is a responsible and focused camper who always puts effort into her work and finishes tasks efficiently. She stays on track without needing reminders and takes a thoughtful approach to everything she does. Ameya listens carefully to instructors, shows respect, and applies what she learns. Her quiet confidence and consistent dedication make her a great team member and a positive influence on the group.

Omar

Omar is a well-behaved and focused camper who approaches building and coding time with dedication and care. He thoughtfully modified his robot to reflect his creative ideas, and he consistently works well with others, showing a collaborative and supportive attitude. Omar's quiet determination and teamwork make him a great part of our camp community.

Franklin

Franklin is a spirited and enthusiastic camper with a strong talent for building robots. He's often the first to complete his projects and takes the extra step to improve them by asking instructors for feedback. He eagerly joins in group games like Poison Dart Frog and Shark & Minnows, always bringing energy and laughter to the group. Franklin's great sense of humor and friendly nature brighten the atmosphere, making him a fun and valued part of the camp.

Jameson

Jameson is a well-focused and engaged camper who quickly completes his robot with care and precision. He works efficiently and often takes the initiative to help others once he's finished. Jameson is also very collaborative, always willing to share ideas and work as part of a team. His positive attitude and strong work ethic make him a reliable and supportive member of the group.

Sky

Sky is a quiet and determined camper who always puts effort into his work and finishes his tasks with care and focus. He approaches each activity thoughtfully and stays on track without having to ask. Sky listens attentively to instructions and follows through with whatever is asked of him. His steady presence and strong sense of responsibility make him a dependable and respected member of the group.

Ellinor

Ellinor is a quiet and focused camper who approaches robotics with thoughtfulness and care. She works diligently during build sessions and is always willing to collaborate with her peers. Her calm presence and steady work ethic make her a valuable member of the group.

Krishan

Krishan is hardworking and enthusiastic with a clear passion for robotics. He often asked to come inside early just to spend more time building and improving his robot, showing strong dedication and excitement for learning. Krishan also demonstrated great courage, he bravely chose to swim even though he initially wasn't planning to. His determination, both in and out of the classroom, makes him a standout camper and a joy to have at camp.

Brendan

Brendan is determined and a camper who is really enthusiastic for robotics. Coming to camp, he has already spent a lot of time in his robotic enrichment that brought him a deep understanding of robotics. Brendan was among the first few to finish drawbridge and he demonstrated his creativity during free building by exploring various combinations with his pieces.

Hannah

Hannah is a calm and friendly camper to be around with who treats everyone with her warm smile. She stays focused on track all the time and patiently and respectfully asks for help when she needs it. She also calmed her brother the first day and excitedly showed him the drawbridge that she had built. Hannah's kindness, hard work, and positive attitude toward everything make her a pleasure to have this week.

Arlo

Arlo is an enthusiastic and adventurous camper who showcased great passion for robotics. Arlo enjoyed hanging out with friends during snacks, where he spread his energy to the people around, and he also enjoyed playing Shark and Minnows after lunch. Contrasting with snack time, Arlo focuses on the robot and is deeply motivated to strive for excellence when building.

Kingston

Kingston is a warmhearted and respectful camper who approaches robotics with great precision and carefulness. When Ollie came the second day, he introduced him to everyone and helped him blend into the group. Kingston is respectful to the counselors and is willing to share his ideas with other campers. Kingston's positive attitude and energy make him a delight to have in the group.

Oliver

Ollie is an outgoing and motivated worker when he is building robots. Although Ollie wasn't here the first day, he quickly caught up with everybody by starting with a creative and steady garage and finished the competition by the end of the day. Ollie works diligently during the building process and stays focused. Ollie's vibrant energy makes him a great addition to the group.

VEX IQ 2025



Our Vex IQ instructors, Mr. Lukas, 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 in 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.

Jack and Calvin

Jack and Calvin had a lot of fun socializing with each other while making their robot. They have great chemistry, and both have been working on their robot diligently. They were both very friendly and funny, making jokes and playing great with other campers and their counselors. They were both especially active in our Newcomb games, adding a fun energy to our group. Jack and Calvin were both kind and fun additions to our camp this week.

Logan and Jaehee

Logan and Jaehee displayed a passion for driving and spent a lot of their time practicing with their robot. They worked hard to fix many problems with their robot's claw and elevator. They practiced stacking cups and learning each mechanic of the robot. They strategized and problem solved the efficiency for their challenge. Their dedication and hard working nature brought a great energy to camp this week.

Advika

Advika showed patience and attention to detail as she closely followed the instructions for her robot. She carefully followed each direction to make sure she had a perfectly working robot. She showed kindness and compassion through her work and her interactions with others. She loved sharing her knowledge and experience with her counselors. Advika's gentle nature made a great addition to our group.

Grace and Yuyan

Grace and Yuyan were very enthusiastic. When other campers were struggling with their projects, they were quick to bring their kindness and knowledge to help. They were awesome teammates, sharing the work equally and making sure they were both included. They are creative and social, bringing a very appreciated joy to camp this week.

Veer

Veer has been very focused while building his robot! He has made sure to follow all the instructions. Veer showed dedication and commitment to his building, working carefully to collect all the pieces he needed, and following the instructions perfectly. Veer would also collaborate with other campers. He did this by viewing what changes helped improve other camper's robots, and used those as inspiration for his own. Veer was a methodic and talented camper that brought great dedication to camp this week.

Martin and Marta

Martin and Marta are very kind and enthusiastic campers. They worked together beautifully, working out a system to ensure they each got equal building time on their robot. They work swiftly and smoothly, and they problem-solve with ease. They are both incredibly respectful, always showing appreciation when receiving help from instructors. Marta and Martin both brought a wonderful presence to camp this week.

Aaryan and Remi

Aaryan and Remi showed good initiative working independently and problem solving their technical issues. They each showed great dedication in their project, spending lots of time building and strategizing. They practiced driving and coding, learning to work their robot in different capacities. Their hard work and commitment showed us how great these robotics campers were this week.

Ian and Michael

Michael and Ian this week have been having a great time working with each other! Both have taken a collaborative approach to building their robot and have been making great progress. They are both kind and respectful both with other campers and their counselors. They worked carefully to make their robot, checking in with the counselors after each couple steps to assure they were working correctly.

Cal and Mathis

Cal and Mathis have been a great team! Both have been dedicated to programming their robot, which could beautifully stack three of the game pieces autonomously, only through code! Their creativity and dedication was awesome. They both made sure they each got turns driving and working with their robot. They used strategy and planning to find the best way to complete this season's challenge. Their dedication made them awesome additions to camp this week.

Grayson and Asher

These friends have been working so diligently! They were able to create great base for their robot, and they love to practice driving. Furthermore, they have been great peers with all the other campers. They put a lot of time into driving practice with other teams at the camp. Also, they added lots of useful additions to their robot, allowing them to complete the challenge more efficiently.

Henry and Lawrence

Henry and Lawrence spent lots of time practicing their driving and making advancements to their robot. They added more rubber bands to their claw, making it stronger and more grippy. Additionally, they had lots of fun customizing their code for the robot, which did things like making the robot play sounds when turned on. They work so well together!

Auggie and Leo

Auggie and Leo went a different path and created their own design for the robot. They were very creative and made their robot extremely tall. They both took care in selecting specific pieces to meet the needs of their robot. They worked carefully and methodically, creating a sturdy, unique design for their robot that completed the challenge efficiently, while also having a fun aspect for it.

On Wednesday, the campers enjoyed a break from robotics and 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 will get 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

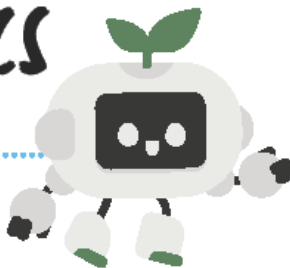
During our snack times, the campers would enjoy their snacks outside in the Cranbrook quad. The camper's favorite game to play during this time was "Newcomb", a volleyball-like game where players catch the ball instead of hitting it. Our camp group played a special "counselors vs campers" game (as requested 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.

MOTOR
BRAIN
ROBOT
WHEEL
GEARS

SPROCKET
CAM
CHAIN
RUBBERBAND
CRANBROOK

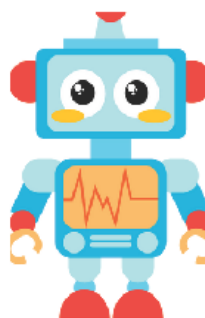
ROBOTICS WORD SEARCH



DIRECTIONS:

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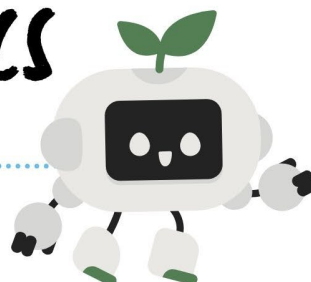
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ROBOTICS WORD SEARCH



DIRECTIONS:

FIND ALL THE WORDS IN THE PUZZLE!!

M O T O R B B D P I L I L K Q W T
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