

June 27, 2025



We are completing our 2<sup>nd</sup> week of camp today and are delighted to welcome our new and returning campers to our upcoming 3<sup>rd</sup> week!

Despite the weather conditions, your kids had a blast building their robots, swimming at the Natatorium, visiting the Science Museum and running in the rain!

All our campers have proven themselves to be creative, eager and deliberate in designing and constructing their robots and the counselors have enjoyed every one of them!

Please find the comments from the counselors below about your camper's week in Robotics Camp.

**Parent Visiting Day for Week 2**

Friday, June 27, 2025

**Please join us as your kids show off their wonderful projects!**

WeDo	2:30 PM
BOOST	2:30 PM
VexGo	2:30 PM
VEX IQ	2:15 PM

Parking is available in the 550 Lone Pine Rd. lot. A camp member will be available to guide you to the location.

## VEX IQ 2025



Our Vex IQ instructors, Ms. Alina, Ms. Sophia, Mr. Vaarin, Mr. Stanley, 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 VEX code IQ, which is based on the Python programming language.

### Gavin and Gabe

Gavin and Gabe added a second motor to the lift of their robot to make it faster and more powerful. They also shared tips on robot design with other campers. Over camp, they were very engaged in building and practiced driving with others.

### Jaehee and Alexander L

Jaehee and Alexander liked the "Huey" design and built their own version. They added a guide to the front of their robot to make it easier to stack. They were very focused during the building process and constantly practiced their driving.

### Alex H and Lio

Alex Ha and Lio also built a version of "Huey". They put the base motors on the front of the robot. Since Alex H couldn't attend on Friday, Lio will join Adrian and Max L for the tournament. They were very energetic throughout camp and enjoyed bonding with others.

#### Julian

Julian built a 6-wheel robot that resembles a Mars Rover. It had a linear lift and claw similar to the Herobot. He worked very hard to get his unique design to work optimally. He is very creative when it comes to designing the robot.

#### Adrian and Max L

Adrian and Max L built a robot with a 4-bar lift for faster lifting. They programmed the remote to move the robot to their liking. They did a lot of testing beforehand to make sure they liked the design they were going to build.

#### Zach and Phineas

Zach and Phineas worked carefully to fine tune their robot. They spent a lot of time adjusting their robot so that it was optimized for competition. They also added a second motor to their elevator to make it faster.

#### Merideth and Yu

Merideth and Yu took turns assembling their robot, being extremely careful to make sure each step was correct. They did a fantastic job with their robot and also worked together on a code to make their robot run and play a song.

#### Harlan and Nour

Harlan and Nour worked together. They started with Harlan's robot from week 1 and added guides to help align the robot with pins. They practiced a lot with Mr. Stanley giving them coaching tips.

#### Cal and Jackson

Cal and Jackson worked together carefully to assemble their robot. They added some TouchLEDs and coded them to look like eyes. Jackson is very creative and Cal is very attentive, making a great match together!

#### Henry and Carter

Henry and Carter teamed up this week. They added a second motor to their lift to make it faster. They set a high skills score on Thursday. They tried hard coding and building the robot and listened to the coach's tips.

#### Augie

Augie did a great job building and debugging his own robot. He also did some coding. He is very attentive when he's building the robot. Augie will join Alexander L and Jaehee for the tournament.

#### Jacob and Max F

Jacob and Max F joined forces this week and had a blast! They added cladding to their robot to protect the sides, like a tank. They also practiced stacking and skills a lot to score more points. They added some very cool designs, including using light sensors for eyes, and pieces for eyebrows.

On Wednesday, the campers enjoyed a break from robotics and the heat at the Natatorium. At the Cranbrook Institute of Science on Thursday, campers exhibited enthusiasm, and were interested in all the museum has to offer.

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.

### VEX GO 2025



#### Rowan

Rowan is an enthusiastic and dependable camper who's always ready to go and the first to line up when it's time to transition, whether heading to wash hands, lunch, or back to building. His eagerness and positive attitude help keep the group moving smoothly, and his consistent readiness shows great responsibility. Rowan's energy and reliability make him a valuable part of the camp community.

#### Calla

Calla is a quiet and determined camper who consistently stays focused and gets her work done with care and efficiency. She approaches each task thoughtfully and follows through without needing reminders. Her calm presence and steady work ethic make her a reliable and positive part of the group.

#### Elisabeth

Elisabeth is a kind, respectful, and well-mannered camper who consistently demonstrated great behavior throughout camp. She was always thoughtful and polite, treating everyone around her with kindness and consideration. Whether lending a hand or offering a friendly smile, Elisabeth brought positive energy to every activity, making her a wonderful role model.

#### Mari

Mari is a polite, respectful, and supportive camper who takes part in every activity with excitement and focus. She carefully follows instructions and builds her robots with a great mix of creativity and skill. During recess, she enjoys spending time with her friends, bringing the same positive, friendly attitude she shows in all camp activities. Her enthusiasm and kindness make her a valued member of the group.

### **Graham**

Graham is a kind and sociable camper who brought others together with his fun personality. He collaborated with others the whole week, playing games, making jokes, and challenging himself and others in robotics. He gets along great with others, coming up with new games and activities to do with the robots. When he had technical issues with his robot, he was encouraged to problem solve and he did great. Graham brought a fun and kind presence to camp this week, and we loved having him.

### **Leon**

Leon is a lively and energetic camper who approaches each day with a great attitude. He eagerly takes part in all activities and brings energy and excitement to every task. Whether he's building his robot or spending time with friends during recess, Leon shows creativity, curiosity, and a strong desire to learn. He also has a great sense of humor and often makes others laugh, adding a fun and lighthearted spirit to the group. His natural ability to make people smile makes him a joy to have around and a supportive team member.

### **Penelope**

Penelope is an absolute joy to work with, kind, respectful, and always willing to help others. She consistently shows maturity and responsibility, especially during lunch, where she naturally takes on a leadership role, helping keep the group in check and setting a great example for her peers. Her caring nature and dependable attitude make her a standout camper, and we've truly enjoyed having her at camp.

### **Grace**

Grace is a kind and fun camper who brings a joyful energy to camp each and every morning. She loves making jokes and chatting with her counselors and other campers. With her robot, she challenged herself with fun obstacle courses and tricks. When she had issues with her robot, she was quick to problem solve and find the issue. Grace was truly a joy to have this week, and her enthusiastic presence brought smiles to all of us.

### **Veer**

Veer is a quiet, focused, and hardworking camper who approaches every task with determination.

Even after missing a day, he quickly caught up without missing a beat, showing impressive independence and the ability to adapt. Veer works efficiently and stays on task, contributing to a calm and productive atmosphere. His steady presence and strong work ethic make him a wonderful part of our camp community.

### **Luca**

Luca is an enthusiastic and energetic camper who arrives each day with a big smile and a positive attitude. He demonstrates a strong interest in building and improving his robot, always eager to explore new ideas and incorporate creative touches into his design. Luca works with focus and excitement, often sharing his thoughts and learning with others. His curiosity, teamwork, and cheerful personality make him a pleasure to have in the group and a great example of a motivated and engaged camper.

### **Oscar S**

Oscar is an energetic and driven camper who brings enthusiasm and creativity to robotics camp. He's fun to be around and works well with others, often taking the lead and showing initiative,

especially when building the obstacle field for the game. His collaborative spirit and positive attitude make him a great teammate and a joy to have in the group.

#### **Hayden**

Hayden is a kind and reliable camper who brings a calm and thoughtful energy to camp. He takes a careful approach to each activity, making sure he understands the tasks before jumping in. During building and coding sessions, he remains focused and shows strong dedication while working with his team. Hayden treats both his peers and instructors with respect, and his positive attitude and consistent participation are truly appreciated each day.

#### **Everett**

Everett is an intelligent and respectful camper who brings his beloved calmness and diligence to camp each day. At lunch he enthuses about facts he knows and makes great thought provoking conversation with other campers. He spends time carefully working on his robot, and even more time doing obstacle courses with it. His enthusiasm, attention, and kindness brought a wonderful energy to camp this week.

#### **David**

David is a fun and outgoing camper who brings a joyful energy to camp. When building his robot he is attentive and diligent. He enjoys playing with other campers and collaborating on obstacle courses and games. When working with other campers, he is extremely gentle and helpful. During building time, he would be found troubleshooting other's robot malfunctions, making him an amazing addition to camp.

#### **Avi**

Avi is a creative and attentive camper who has an amazing imagination. Avi is a natural leader, creating games and scenarios when playing with others and their robots. He collaborates with other campers by helping with their robots, and creating unique obstacle courses for their games and challenges. He had a lot of fun playing with other campers and making them laugh each day. Avi brought a fun and happy presence to camp this week.

#### **Ian**

Ian is a respectful and attentive camper who approaches both building and coding sessions with focus and care. He puts thought into his robot designs, adding creative touches that reflect his ideas. Ian works cooperatively with others and maintains a positive, team-oriented attitude. His calm determination and willingness to collaborate make him a valuable and appreciated member of the group.

#### **Logan**

Logan is a thoughtful and creative camper who demonstrates a strong understanding of robot design and how it works. He quickly picks up new concepts and approaches each task with care, focus, and attention to detail. Logan stays engaged during activities and consistently puts in his best effort, showing both patience and determination. His calm and steady attitude, combined with his willingness to help others and share ideas, make him a great role model for his peers and a positive influence within the group.

#### **Oscar K**

Oscar is a calm and collected camper who approaches robot building with focus and diligence. He works thoughtfully through each step and always takes pride in doing things well. Oscar is also respectful and collaborative, making him a great team member and a positive presence in the group. His quiet determination and steady attitude have truly stood out during camp.

### **Sebastian**

Sebastian is a helpful and collaborative camper who brings a joyful energy to camp. His friendly and magnetic personality naturally draws others in, and he has a wonderful way of making everyone feel included. He is also great at building unique modifications to his robot. Sebastian's positivity and team spirit make him a true pleasure to have in the group.

### **Dax**

Dax is a gentle and thoughtful camper who creates a calming environment around him. He enjoys finding new ways to challenge his robot, being one of the first to try our difficult obstacle course. He is very adaptive, solving problems with ease and creating new additions to his robot daily. His creativity and eagerness to learn created a great environment at camp.

### **Leo**

Leo is a thoughtful and meticulous camper who takes great care in working on his projects. When building new parts for his robots, Leo would lay each piece he needed out and double checked he did each step correctly before moving on. At lunch he would chat with other campers about the games he loves to play and the fun facts he knows. His thoughtfulness and careful approach to his work made him a fantastic addition to camp this week.



## BOOST AND WeDo 2025





#### Stanley

Stanley has done a great job this week, having finished both of his robots early, while at the same time being a thoughtful camper! He is very diligent at following the counselors' instructions and listening to those around him. We have enjoyed having Stanley at camp!

#### Owen

Owen is friendly to everyone, spreading his joy across the campers! Furthermore, he continues to excel in following instructions, building his robots, and drawing!

#### Remy

Remy has been consistently respectful to his counselors and fellow campers; always working diligently. Moreover, he has done a great job this week, creating his robots and making friends.

Go Remy!

#### Olivia

Olivia has been a joy to have at camp! She is always willing to share with other campers and is respectful to those around her. Furthermore, she has been having a great time building her robots and drawing amazing pictures!

#### Zara

Zara was awesome this week! She was nervous about coming to camp and working with the Lego system, but after a few hours, she quickly adjusted and has now completed building both of her robots! She has a great attitude and is always open to new challenges.

#### Miles

Miles is a very kind and polite camper. He is always respectful when asking for help and working with other campers. One of the highlights for him was the trip to the CIS (Cranbrook Institute of Science)- he was super excited to go and had an awesome time exploring. Miles also loved chatting with the counselors about his favorite musician, Michael Jackson. He was a joy to have around.

#### Steele

Steele brought such a fun and positive energy to camp this week. He was really diligent when it came to building his robot-focused and always making steady progress. He especially enjoyed talking with the counselors about the game *Grow a Garden*, which sparked some great conversations. We enjoyed having Steele at camp!

#### Sammy

Sammy was hardworking and energetic, and 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 robot better. He loved to talk to the counselors and share how far along he was on his robot.

#### Taron

Taron was an absolute joy to have at camp this week-always kind, patient, and a great presence in the group. He loved sharing fun facts he had learned, especially during lunch, often talking about microparticles! He jumped right into the robotics build, finished his robot quickly, and seemed to enjoy every step of the process.

#### Zev

Zev was very focused and passionate throughout the week. He decided to build a Star Wars inspired robot on his own to add to his project, which showed his creativity! He stayed engaged the

whole time, always looking for ways to improve his design and keeping the counselors up-to-date on his robot!

#### Benjamin

Benjamin was a great camper this week; he was always kind, generous, and attentive. He worked hard on his garbage truck and racecar robots, finishing both with plenty of time left for him to work on the block coding. He especially loved watching *Big Hero 6* with the class. Benjamin was a joy to have at camp this week!

#### Devin

Devin worked hard his second week to build his helicopter and mars rover robots! He was focused and stayed on task, was extremely helpful to others, and so friendly!! He helped his co-campers find other pieces that they were missing. He loved coding his mars rover robot, designed to scoop up space rocks. Devin was a great camper this week!

#### Harlen

Harlen was an energetic, curious and creative camper who impressed all of us with his creative ideas and drawings this week. He worked hard building two robots this week with his favorite being the racecar, which he spent a lot of time coding. He surprised the counselors with the drawings he made with Owen about *Dragon Ball Z*, which inspired many conversations with others.

#### Liam

Liam was a friendly, dedicated and kind camper! He finished his two robots and often lent pieces to others and helped them with difficult parts. His favorite was the pollination robot, which he spent many days working on and coding. He also learned about the functions of the motor sensor. He was a pleasure to have at camp this week!

#### Lillian

Lillian was a joyful camper, enjoying talking to the counselors about recent baseball games and her love for sports! She worked on her racecar and helicopter robot and was focused and dedicated to building the robots. She had a great week and got along with all the other campers. Pipe cleaners were one of her favorite activities.

#### Milan

Milan was a sweet, kind and dedicated camper this week! He loved to hang out with the counselors and helped others who needed to find a piece. He worked tirelessly all week and seemed to love building robots. He built his earthquake and flood prevention robots and enjoyed free-building and creating his own robots in his free-time. He was such a joy to have at camp.

#### Caroline

Caroline was so sweet, patient and friendly! She got along with all the other campers, letting them look in her bin when they needed to find pieces. Throughout the week she worked really hard to complete her forklift and was always focused. She especially loves playing with pipe cleaners, making bracelets and flowers with Lillian and Amerie. It was wonderful having Caroline with us this week.

#### Grayson

Grayson was a pleasure to have here at camp! He was so dedicated to building his forklift and continuously made steady progress. He was always polite when asking counselors for help. Grayson really enjoyed talking with his friend Charles. He was fun to have at camp this week!

### Charles

Charles was a creative, polite and friendly camper. As he was building his robot he would often ask others for pieces, but always allowed others to look in his bin, as well. He enjoys building and when he finished continued to personalize his robots. He got along with all the other campers and had much fun talking with his friend, Grayson.

### Leo

Leo was a great and dedicated camper. A bit shy at first, but eventually began talking to the kids and counselors during lunch. He was excited to play Uno and worked very hard on his forklift, making steady progress. He is always polite when asking to look in others' bins. It was wonderful to have Leo at camp with us.

### Amerie

Amerie, this week was even more energetic than last week! Talking all the time to counselors specifically about her pet axoloti at home, making pipe cleaner art with Caroline and Lillian. She was hard-working and enjoyed building her guitar. She got along with all the campers and was always willing to share and let others look in her bin. It was wonderful to have her here with us!