



ENRICHMENT

VEX IQ - Elementary Team Robotics (Grades 4&5)



We are very excited to offer **Elementary Team Robotics!** Students will be paired up and tasked with building their robot to compete in our **In-House Robotics League**. Each student will be involved in robot building, operating and coding. No prior experience other than a willingness to learn is required. Parents will be invited to attend the final class competi-



Elementary Team Robotics (Grades 4&5)

Dates: Tuesdays & Thursdays – January 18,20,25,27, Feb 1,3

Time: 3:00 PM - 4:15 PM (3-6 pm on February 3) **Class Code:** W0008

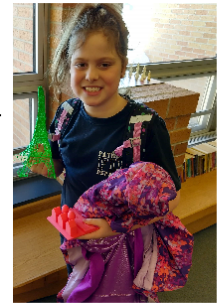
Fee: \$69 Early Bird by January 4/ \$74 regular price - Scholarships are available if needed

Registration Deadline: January 11 **Location:** Elementary School MakerSpace (Media Center) **Min:** 8 **Max:** 16

Team Facilitators: Ben Borgerding Elementary STEM Coordinator—Anita Flanders Secondary Innovation Center Facilitator

Elementary Maker Monday's (Grades 2-5)

Do you enjoy working with your hands, Tinkering, Making and Exploring? Then Maker Monday's are just for you! This program is available for students in grades 2-5. Students will have the opportunity to explore, create and make with the following equipment/supplies, CNC Carving - 3D Printing - Lego Robotics - Cardboard Creations - Ozobot Challenges - Sphero Hero Challenges - Vex Robotics Building - Lego's - K'Nex STEM Kits - Bloxels - Breakout EDU - And More!



Elementary Maker Monday's (Grades 2-5)

Time: 3:00 PM - 4:15 PM **Fee:** \$9 per date

Class Code/Dates:

W0010 Monday - January 17

W0011 Monday - January 31

W0012 Monday - February 28

SP1001 Monday - March 7

Registration Deadline: One week prior to each scheduled date **Location:** Elementary School MakerSpace (Media Center)

Min: 8 **Max:** 24 **Maker Facilitators:** Ben Borgerding & Anita Flanders

Family Fun Nights-Fun for All

Bee House Building

Come and join us to learn about native bees. We will learn the bee basics and also the importance of these incredible insects. We will also be making bee houses that you will be able to take home. Turn your crafty creativity into functional fun. More bees means more fruits, veggies, and flowers in your own backyard! All the supplies and materials are provided, just bring your creativity. Please enter number of family members attending in comment line.



Dates: December 16

Time: 6:30-7:15pm **Class Code:** W0042 **Fee:** \$10/Family **Min:** 10

Max: 35

Location: HS CTE Wood Shop (Ent. Door #1) **Instructor:** Adam Hjelm **Reg. Deadline:** Dec 9

Build your own Lures

Why do fish chase after one lure but ignore the next one? Do they see every color, certain colors, or none at all? We will be talking about and looking at a wide variety of gadgets and lures, as well as giving you a chance to make your own to take home and try out. All the supplies and materials are provided, just bring your creativity. Please enter number of family members attending in comment line.



Dates: January 13

Time: 6:30-7:15pm

Class Code: W0043

Fee: \$10/Family

Min: 10 **Max:** 35

Location: CTE Wood Shop

Instructor: Adam Hjelm

Registration Deadline: Jan 6

Butterfly Bombs

Come and join us to learn about the magical and mystical journey of the Monarch butterfly. We will follow the migration and incredible journey of these incredible insects. We will also be making butterfly bombs to help increase the population of their favorite and necessary foods... milkweeds! All the supplies and materials are provided, just bring your creativity. Please enter number of family members attending in comment line.



Dates: January 20

Time: 6:30-7:15pm

Class Code: W0044

Fee: \$10/Family

Min: 10 **Max:** 35

Location: HS CTE Wood Shop (Ent. Door #1)

Instructor: Adam Hjelm

Reg. Deadline: Jan 13

Bugged Out Water

Is there anything more exciting than playing with bugs? We will be digging right in and seeing what kind of buggy neighbors are swimming around the lakes and streams. This is a very hands-on session full of creepy crawly fun that will leave you with a better appreciation of how important insects are as well as what they can tell us about the water. Please enter number of family members attending in comment line.



Dates: January 25

Time: 6:30-7:15pm

Class Code: W0045

Fee: \$10/Family

Min: 10

Max: 35

Location: HS CTE Wood Shop (Ent. Door #1) **Instructor:** Adam Hjelm **Reg. Deadline:** Jan 18