

## 3rd-8th grade

**Year Round Inventors' Club**  
Mondays, Sept. 9 – Apr. 27  
(4:00 – 5:30 p.m.)

A thirty-two-week program will get hands-on experience in Biology, Chemistry, Geology, Electronics and Engineering Design process. Lessons will include a brief history of art, creative sketching and applied math problems.  
**Instructor: Samuel McCullum**  
**Class Fee: \$100/month**

**Build It**  
Thursdays, Feb. 20 – Mar. 19  
(5:30 – 7:30 p.m.)

Participants use saws, hammers and screwdrivers in a safe environment to make their very own wooden candy dispenser. This program introduces students to safety, tools, machines and basic techniques used in a woodworking shop.  
**Instructor: Samuel McCullum**  
**Class Fee: \$150 + \$25 Material fee**

## 4th-8th grade

**Complete the Circuit**  
Thursdays, Oct. 24 – Nov. 21  
(5:30 – 7:30 p.m.)

Students will be given an opportunity to use basic tools as they learn schematics and symbols associated with electronics. Algebra and Geometry will be applied to familiarize them with skills electricians need to know including Ohms Law.  
**Instructors: Niketan Mourya and Samuel McCullum**  
**\$150 + \$25 Material fee**

**Register for classes at:**  
2967 State Street  
Bettendorf, IA 52722 or  
[www.bereskinartgallery.com](http://www.bereskinartgallery.com)

## 6th-8th grade

**Year Round Inventors' Club**  
Mondays, Sept. 9 – Apr. 27  
(6 – 7:30 p.m.)

A thirty-two-week program will get hands-on experience in Biology, Chemistry, Geology, Electronics and Engineering Design process. Lessons will include a brief history of art, creative sketching and applied math problems.  
**Instructor: Samuel McCullum**  
**Class Fee: \$100/month**

**Fun with DNA**  
Thursdays, Sept. 12 – Oct. 17  
(5:30 – 7 p.m.)

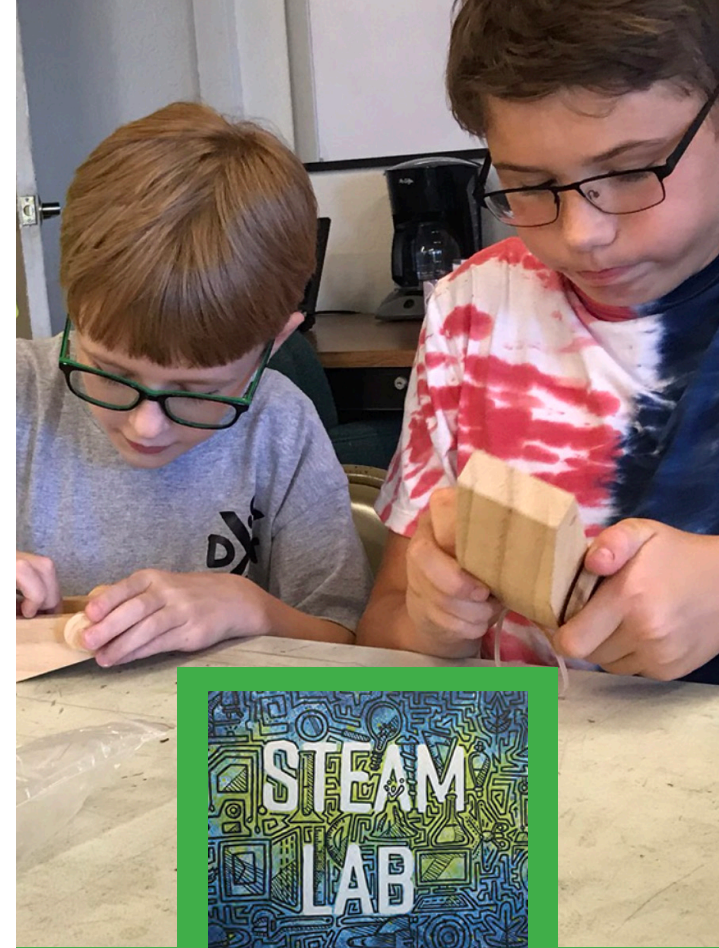
For highly motivated students interested in expanding their knowledge of basic genetics and cell biology. Students are immersed in an environment of hands on activities to construct cell and DNA models; use microscopes to view various cell types.  
**Instructor: Samuel McCullum**  
**Class Fee: \$125 each 6-week session**

**Environmental Engineering**  
Thursdays, Jan. 9 – Feb. 13  
(5:30 – 7 p.m.)

Focus on ways to sustain and improve the natural environment. This program provides a hands-on exploration of our environment. Participants take a fresh look at air, water and how to reduce pollution. Students learn more about water chemistry and investigate the 3 Rs of green living – reduce, reuse and recycle.  
**Instructor: Samuel McCullum**  
**Class Fee: \$125 each 6-week session**

**Science and Technology**  
Thursdays, Mar. 26 – Apr. 30  
(5:30 – 7 p.m.)

Kids are curious about everything. To further develop their knowledge about the world, what better way to keep them interested than to learn the wonders of science? Gravity, springs and magnets will be explored in addition to other fun activities.  
**Instructor: Samuel McCullum**  
**Class Fee: \$125 each 6-week session**



**2019 - 2020**  
**Class Schedule**

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# Preschool (4-5 yr)

## Year Round Explore Art Through Science

Thursdays, Sept. 12 – Apr. 30

(12:30 – 2 p.m.)

Students will use fine motor skills to explore the creativity art process using a variety of methods and materials. By creating a color wheel, they are learning colors and fractions. The basics of math and science taught through art allows children an opportunity to experiment with materials as they dabble in science.

**Instructors: Pat Beréskin**

**& Samuel McCullum**

**Class Fee: \$125/ month**

## Biology Beginnings

Tuesdays, Sept. 10 – Oct. 15

(12:30 – 2 p.m.)

Six week interactive experiments and STEAM challenges introduce students to the basics of biology.

**Instructors: Diane Whiteman**

**& Samuel McCullum**

**Class Fee: \$125 each 6-week session**

## Can Do Chemistry

Tuesdays, Jan. 7 – Feb. 11

(12:30 – 2 p.m.)

It's chemistry for beginners! In a great mix of fun and learning, kids will conduct interesting experiments to help understand the basic chemical properties of common substances.

**Instructors: Diane Whiteman**

**& Samuel McCullum**

**Class Fee: \$125 each 6-week session**

## Physics is Fun

Tuesdays, Mar. 24 – Apr. 28

(12:30 – 2 p.m.)

Join us as we use basic STEAM principles to introduce physics to our youngest engineers. Lessons will have many experiments and activities that explore the forces of nature in our world.

**Instructors: Diane Whiteman**

**& Samuel McCullum**

**Fee: \$125 each 6-week session**

We at **STEAM on Wheels** are dedicated to introducing children to

**engaging subject matter** that may one day encourage them to

become **inventors, scientists, innovators, and future leaders.**

Many students are not able to find **enough motivation** in their regular education to pursue **further study**, particularly outside of the usual pathways.

## K-2nd grade

### Environment and Ecosystem

Tuesdays, Sept. 10 – Oct. 15

(5:30 – 7 p.m.)

Participants investigate various biological systems to determine the relationship between our decisions and the effect it has on our environment.

**Instructor: Samuel McCullum**

**Class Fee: \$150 each 6-week session**

### Building Blocks of Matter

Tuesdays, Jan. 7 – Feb. 11

(5:30 – 7 p.m.)

Participants learn about states of matter, chemistry, and strange molecules called polymers- all while conducting experiments and creating substances. (slime, obleek, and much more)

**Instructor: Samuel McCullum**

**Class Fee: \$125 + \$25 Material fee per 6 weeks**

### May the Force Be with You

Tuesdays, Mar. 24 – Apr. 28

(5:30 – 7 p.m.)

Students explore the forces acting on airplanes. They will focus on Sir Isaac Newton's third law of motion: for every action there is an equal and opposite reaction. Star Wars isn't the only one that can use the force!

**Instructor: Samuel McCullum**

**Class Fee: \$125 + \$25 Material fee per 6 weeks**

## 3rd-5th grade

### Environment and Ecosystem

Wednesdays, Sept. 11 – Oct. 16

(5:30 – 7 p.m.)

Water is essential to our planet and students will discover how it moves in our environment. Explore the relationship between environments in order to engineer a better world for tomorrow.

**Instructor: Samuel McCullum**

**Class Fee: \$150 + \$25 Material fee**

### Mixture and Solutions

Wednesdays Jan. 8 – Feb. 12

(5:30 – 7 p.m.)

In mixing household chemicals our participants will discover the reactions of elements and how their structure (protons, electrons, neutrons) reacts. See how critical thinking through scientific discoveries, about atoms and molecules.

**Instructor: Samuel McCullum**

**Class Fee: \$150 + \$25 Material fee**

### Fundamental Sciences

Wednesdays, Mar. 25 – Apr. 29

(5:30 – 7 p.m.)

We need to know the basics of how things operate to begin to understand the world around us. Observe the forces of push, pull, and friction to make things go, change direction, or stop.

Build a roller coaster that's really fast or maybe slow. Gain familiarity with kinetic and potential energy.

**Instructor: Samuel McCullum**

**Class Fee: \$150 + \$25 Material fee**