

clover college 2020>>>

What is it?

Come join us for the day and learn something new! 4-H and community members (non 4-H members) can attend different class sessions to explore various project areas and complete hands-on, educational activities taught by volunteer leaders and teachers. This year's event will be held on **Saturday, February 15th** at Bangor Elementary School (701 14th Ave S) in Bangor.

To be part of this popular annual event, simply read through each class description, fill out the registration form on page 8 (one per youth, please!) and turn it in with your fee to the Extension office by **Thursday, January 30th at 4:30 p.m.** Classes will be filled on a first-come, first-serve basis. Additional registration forms can be found online at <https://lacrosse.uwex.edu/4-h-youth-development/events-activities/clover-college/>.

We hope to see you there!

8:45-9:00 AM Welcome

9:00-10:30 AM Sessions

AEROSPACE - Youth will be able to experiment with whirligigs, balsa planes and a landing strip. Participants will be able to build and launch fizzy rockets. We will discuss the forces and motion principles of different aircraft.

Grades 3 & up ~ Class limit 15 ~ \$0 Fee

AWESOME ADVENTURES DNA

Through hands-on activities and short videos, we will explore the wonders of DNA. Learn how DNA matches base pairs by making a candy DNA helix and beaded DNA bracelets, then see how it twists with an origami DNA model and try your hand at matching chromosomes into pairs. Discover DNA through these awesome adventures and more!

Grades K-2 ~ Class limit 10 ~ \$0 Fee

BEGINNING SHOOTING SPORTS - Hands on experience with archery and pellet gun, with an emphasis on safety. This class is intended as an introduction to the sport for youth that have little to no experience with archery or pellet gun. All equipment is provided.

Grades 2 & up ~ Class limit 10 ~ \$0 Fee

CERAMICS - In this ceramics class, youth will learn a variety of techniques! Please dress appropriately. **Youth will need to bring a shoebox and an old towel as well.** Participants will paint a ceramic figurine of their choice to take home. Additional larger pieces will be provided at additional cost (up to \$15 extra). Please bring additional money if you'd like something larger.

Grades K & up ~ Class limit 14 ~ \$10 Fee

CREATIVE CRAFTS WITH PONY BEADS - Using pony beads, you will create fun keychains to hang on whatever you please.

Grades 3 & up ~ Class limit 12 ~ \$0 Fee

DOING DNA: THE CODE OF LIFE - Explore how DNA is a lot like an alphabet. Test a sample of highly-purified DNA from fish. Experiment with extracting DNA from wheat germ. Build a "DNA Bracelet" - a model of single-stranded DNA you can take home

Grades 3 & up ~ Class limit 25 ~ \$0 fee

DRAWING SUPER HEROES AND VILLIANS - Learn to draw a superhero character! Add capes, cowls, gloves, boots and masks of your own designs. We will provide drawing materials, but bring your preferred coloring medium (colored pencils, markers, watercolors, etc). You will go home with a drawing on high-quality art paper, as well as professional drawing supplies.

Grades 2-4 ~ Class limit 15 ~ \$0 Fee

ELECTRONICS: BUILD A CAR! - We'll learn about circuits and components (batteries, LED's, motors, resistors, etc) and then build a car. All classes are done without soldering.

Grades K-3 ~ Class limit 10 ~ \$7 Fee

GIVING BLANKETS - La Crosse Home and Community Education (LAHCE) members will guide youth on how to cut and tie fleece blankets. All blankets created will be donated to the Family and Children's Center in La Crosse.

Grades 3 & up ~ Class limit 8 ~ \$0 Fee

HANDS UP FOR SIGN LANGUAGE - Put your hands up and learn to sign the alphabet and some common phrases through "hands on" activities.

Grades 3 & up ~ Class limit 15 ~ \$0 Fee

IMPROVE YOUR PHOTOGRAPHY SKILLS - Tips to make your photos better. Fair entries and categories explained. Bring your camera (and its manual) for some hands on activities. You be the judge!

Grades 3 & up ~ Class limit 15 ~ \$0 Fee



IRISH FOLK DANCING - Ceili (pronounced Kay-leigh) Dancing is a popular folk dance that hails from Ireland. In the class you will learn a few basic steps, then put it all together to a few songs. No prior experience needed!

Grades K-5 ~ Class limit 20 ~ \$0 Fee

LEGO ROBOTICS: THE POWER OF FORCE - We will explore what forces are and how they can make objects move. We will then create and program a LEGO robot to investigate the effects of balanced and unbalanced forces on the motion of an object. Do you have the Power of the Force?

Grades K-5 ~ Class limit 15 ~ \$5 Fee

MOSAIC LIGHT SWITCH - Decorate a single or double light switch plate with ceramic and glass tiles of many colors, sizes and shapes.

Grades K+ ~ Class limit 15 ~ \$5 Fee

VEGETABLES: PREPARING & EXHIBITING - You be the judge. You will learn what a judges looks for and experience judging vegetable classes. Judging will be done with photos and real vegetable produce.

Grades 3 & up ~ Class limit 12 ~ \$0 Fee

V.I.P. TRAINING - Any adult in attendance needing to fulfill their Volunteer in Preparation (V.I.P.) training or who just wants more information about 4-H is welcome to sit in on this session!

Adults only ~ No Limit ~ \$0 Fee

WHAT CAN I DO IN AN EMERGENCY? - Students will learn what to do in a medical emergency or disaster: how to use an AED, how to stop severe bleeding, how to perform chest compressions and what to put in an emergency kit.

Grades 5 & up ~ Class limit 10 ~ \$0 Fee

9:00 AM - 12:15 PM Sessions

GIVE SCALE MODELS A TRY - Build and paint a small wooden model (e.g. plane, car or ship) you can enter at the fair and see examples of other scale model options. K-2nd grade need an adult present to assist.

Grades K & up ~ Class limit 15 ~ \$5 Fee

10:30 AM - 12:15 PM Sessions

AEROSPACE - See description in earlier session

Grades 3 & up ~ Class limit 15 ~ \$0 Fee

AWESOME ADVENTURES DNA - See description in earlier session.

Grades K-2 ~ Class limit 10 ~ \$0 Fee

BEGINNING SHOOTING SPORTS - See description in earlier session.

Grades 2 & up ~ Class limit 10 ~ \$0 Fee

CERAMICS - See description in earlier session.

Grades K & up ~ Class limit 14 ~ \$10 Fee

CREATIVE CRAFTS WITH PONY BEADS - See description in earlier session

Grades 3 & up ~ Class limit 12 ~ \$0 Fee

ELECTRONICS: BUILD A CAR! - See description in earlier session.

Grades 3 & up ~ Class limit 10 ~ \$7 Fee

FEED YOUR SCIENCE SAVVY THROUGH FOOD SCIENCE - Let's use food to develop your head and hand skills in designing and doing experiments to test ideas and explore the unknown. Bubbles, Milk Fireworks, Cheese, and Popcorn will be used. This will work the scientific method into your snacks!

Grades K & up ~ Class limit 25 ~ \$0

FINE ART INSTRUCTION - Any adult in attendance can attend this training to help with supporting youth interested in the arts. This training will cover how to perform exhibits at Expressive Arts and the fair as well as ways to assist youth with their aspirations. This qualifies for an annual training requirement for chartered groups.

Adults only ~ No Limit ~ \$0 Fee

IMPROVE YOUR PHOTOGRAPHY SKILLS - See description in earlier session.

Grades 3 & up ~ Class limit 15 ~ \$0 Fee

INTERNATIONAL FUN- Youth will learn about other cultures through games and activities. The 4-H Exchange program will be highlighted.

Grades 3 & up ~ Class limit 12 ~ \$0 Fee

LEARN THE SIGN LANGUAGE ALPHABET! - Want to learn a new language? In this class, you will learn the basic Sign Language alphabet. You will create a finger-spelling name tag to help you learn and remember how to sign your name. You will also go home with a reference for the alphabet so you can keep practicing!

Grades 3 & up ~ Class limit 9 ~ \$0 Fee

LEGO ROBOTICS: THE POWER OF FORCE - See description in earlier session

Grades K-5 ~ Class limit 15 ~ \$5 Fee

MAKING FISHING LURES - Catching a fish is even more fun when you catch it with a lure you made yourself! Participants will make several fishing lures for catching bass, pike and other fish.

Grades 3 & up ~ Class limit 20 ~ \$0 Fee

MOSAIC LIGHT SWITCH - See description in earlier session.

Grades K+ ~ Class limit 15 ~ \$5 Fee

PLANETARIUM - Learn how the night sky “works” as the earth spins and travels around the sun each year, as well as how to find several constellations that have been there for thousands of years!

Grades K & up ~ Class limit 40 ~ \$5 Fee

SEWING BOOK BAGS—LAHCE members will be cutting and sewing book bags for the Wisconsin Bookworms Project - a charity that provides Head Start youth with 5 books throughout the year. This is a community service project.

Grades 3 & up ~ Class limit 8 ~ \$0 Fee

WHAT CAN I DO IN AN EMERGENCY? - See description in earlier session.

Grades 5 & up ~ Class limit 10 ~ \$0 Fee

WOODWORKING - Youth will learn how to measure, use tools, assemble a project, sand, practice safety and finish wood. Participants will make a project to take home. **One adult required with each youth.**

Grades 3 & up ~ Class limit 10 ~ \$10 Fee

1:00-2:30 PM Sessions

AEROSPACE - See description in earlier session

Grades 3 & up ~ Class limit 15 ~ \$0 Fee

ALIEN BLOOD ELECTROPHORESIS - You’ll learn how to use electricity to help solve a crime by testing “Alien Blood” using electrophoresis and super cool equipment.

Grade 3 & up ~ Class limit 20 ~ \$0 fee

AWESOME ADVENTURES DNA - See description in earlier session.

Grades K-2 ~ Class limit 10 ~ \$0 Fee

BEGINNING SHOOTING SPORTS - See description in earlier session.

Grades 2 & up ~ Class limit 10 ~ \$0 Fee

CERAMICS - See description in earlier session.

Grades K & up ~ Class limit 14 ~ \$10 Fee

CREATIVE CRAFTS WITH PONY BEADS - See description in earlier session

Grades 3 & up ~ Class limit 12 ~ \$0 Fee

CUPCAKE DECORATING - This class will focus on learning cake decorating skills. Youth will be frosting cupcakes using different tips and techniques!

Grades 3 & up ~ Class limit 10 ~ \$0 Fee

ELECTRONICS: BUILD A CAR! - See description in earlier session.

Grades 3 & up ~ Class limit 10 ~ \$7 Fee

IMPROVE YOUR PHOTOGRAPHY SKILLS - See description in earlier session.

Grades 3 & up ~ Class limit 15 ~ \$0 Fee

JUGGLING - Beginning jugglers will work on the three ball cascade and learn some fun one-ball tricks. Anyone who can already juggle three will learn new tricks or try clubs, rings or a larger number of balls.

Grades 3 & up ~ Class limit 20 ~ \$0 Fee

LEGO ROBOTICS: THE POWER OF FORCE - See description in earlier session

Grades K-5 ~ Class limit 15 ~ \$5 Fee

MOSAIC LIGHT SWITCH - See description in earlier session.

Grades K+ ~ Class limit 15 ~ \$5 Fee

PLANETARIUM - See description in earlier session.

Grades K & up ~ Class limit 40 ~ \$5 Fee

TRAUMA INFORMED TRAINING - Any adult or youth leader in attendance can attend this training to help understand how to build resilience in today’s youth. Understand ACEs and what you can do with this knowledge. This qualifies for an annual training requirement for chartered groups.

Grades 8 & up ~ No Limit ~ \$0 Fee

VEGETABLES: PREPARING & EXHIBITING - See description in earlier session.

Grades 3 & up ~ Class limit 12 ~ \$0 Fee

WHAT CAN I DO IN AN EMERGENCY? - See description in earlier session.

Grades 5 & up ~ Class limit 10 ~ \$0 Fee

WOODWORKING - See description in earlier session.

Grades 4 & up ~ Class limit 10 ~ \$5 Fee

Adult Training

This year trainings will be offered for adults, leaders, and also youth leaders! Don't just drop off your kids and scoot, stay a bit, 4-H is for adults, too. This year, we're offering **Volunteer In Preparation (VIP), Fine Art Instruction, and Trauma Informed** training for all those interested. These complete requirements for volunteers and chartered groups.

| CLASS | FEE | K-2 | 3 | 4 | 5 | 6 | 7 | 8+ | Adult |
|---|------|-----|---|---|---|---|---|----|-------|
| Aerospace | \$0 | | | | | | | | |
| Alien Blood Electrophoresis | \$0 | | | | | | | | |
| Awesome Adventures in DNA | \$0 | | | | | | | | |
| Beginning Shooting Sports | \$0 | | | | | | | | |
| Ceramics | \$10 | | | | | | | | |
| Creative Crafts with Pony Beads | \$0 | | | | | | | | |
| Cupcake Decorating | \$0 | | | | | | | | |
| Doing DNA: The Code of Life | \$0 | | | | | | | | |
| Drawing Super Heroes and Villians | \$0 | | | | | | | | |
| Electronics: Build a Car! (different sessions for grades) | \$7 | | | | | | | | |
| Feed your Science Savvy Through Food Science | \$0 | | | | | | | | |
| Fine Art Instruction | \$0 | | | | | | | | |
| Give Scale Models a Try | \$5 | | | | | | | | |
| Giving Blankets | \$0 | | | | | | | | |
| Hands up for Sign Language | \$0 | | | | | | | | |
| Improve Your Photography Skills | \$0 | | | | | | | | |
| International Fun | \$0 | | | | | | | | |
| Irish Folk Dancing | \$0 | | | | | | | | |
| Juggling | \$0 | | | | | | | | |
| Learn the Sign Language Alphabet! | \$0 | | | | | | | | |
| Lego Robotics: The Power of Force | \$5 | | | | | | | | |
| Making Fishing Lures | \$0 | | | | | | | | |
| Mosaic Light Switch | \$5 | | | | | | | | |
| Planetarium | \$5 | | | | | | | | |
| Sewing Book Bags | \$0 | | | | | | | | |
| Trauma Informed Training | \$0 | | | | | | | | |
| Vegetables: Preparing & Exhibiting | \$0 | | | | | | | | |
| What can I do in an Emergency? | \$0 | | | | | | | | |
| Woodworking | \$10 | | | | | | | | |

Lunch is Served!

There will be a light lunch served at a concession stand during Clover College served by volunteer youth and families from 12:15 - 1:00 P.M. Please send youth with spending money if they would like to purchase lunch, snacks, or a beverage. \$5.00 should cover a lunch. Youth are welcome to pack their own lunches or leave with their parents to go off campus too!