



# Clover College

## Tue., June 15–Fri., June 18

**Lancaster Extension Education Center, 444 Cherrycreek Road**

Four days of in-person, “hands-on” workshops full of fun and a sense of belonging. Learning topics include STEAM concepts of science, technology, engineering, art and math which can spark career interests. Youth must be currently at least 8 years old (as of June 15) to attend most Clover College workshops — some workshops have older age requirements. All supplies will be provided unless otherwise noted.

Current directed health measures will be followed. Special health guideline notes for this year:

- All participants will be required to wear face coverings.
- There will NOT be Clover Kids Day Camp for 6-7 year olds.
- There will be reduced seating and physical distancing in each workshop. We can only seat at 50% capacity.
- There will be NO food consumption during the workshops.
- Only workshop participants needing to stay over the lunch period may bring their sack lunch and eat in or outside the building while following physical distancing guidelines. Family members are asked to eat lunch elsewhere.

If you have questions, contact Kristin Geisert at 402-441-7180 or [kristin.geisert@unl.edu](mailto:kristin.geisert@unl.edu).

### Clover College ONLINE Registration

Registration will **ONLY** be available online! Walk-in or mail-in registrations will **NOT** be accepted at the Extension office.

**Registration opens Wednesday, May 5 at noon for currently enrolled 4-H members.**

*By May 1, enrolled 4-H families will be emailed an online link and access code to register, which will activate on May 5 at noon.*

**Registration opens Wednesday, May 12 at noon for non-4-H youth.**

*Registration link will be posted at <http://lancaster.unl.edu/cc>*

Registration tips:

- An email address and a debit or credit card will be required to complete a registration. There are no additional online or credit card processing fees, only the cost of the chosen workshop(s).
- To speed the process during registration, determine your workshop choices and possible alternates ahead of time.
- Take note of the age requirements. Workshops where age is not met will not appear in the online workshop choices during the registration process.
- To receive reimbursement for 4-H Activity Certificates after registering online, bring certificates and your Clover College online confirmation to the Extension Office.
- As in the past, there are no refunds.

With our reduced capacity, we expect classes to fill up very quickly!

	TUE, JUNE 15	WED, JUNE 16	THU, JUNE 17	FRI, JUNE 18
8:00–10:00	<b>1</b> ROCKETRY <b>4</b> HORSE COURSE A <b>5</b> CLUCK, CLUCK, QUACK! <b>6</b> LOOM WEAVING	<b>1</b> ROCKETRY <b>3</b> DERBY CARS <b>17</b> ORIGAMI <b>18</b> REAL WORLD GPS/GIS	<b>1</b> ROCKETRY <b>29</b> BACKYARD BUG HUNT <b>30</b> ALL ABOUT DNA <b>31</b> ON THE BIKE PATH	<b>1</b> ROCKETRY <b>3</b> DERBY CARS <b>41</b> HUNT, CATCH, PIN <b>42</b> VIRTUAL REALITY BLDG A
10:15–12:15	<b>7</b> HORSE COURSE B <b>8</b> BUILD A BUDDY <b>9</b> TERRIFIC TABLE SETTING <b>10</b> CRITTER SCENE	<b>19</b> H <sub>2</sub> O JUNGLE <b>20</b> LLEAPING LLAMA 101 <b>21</b> CRAFTY KIDS <b>22</b> BIG MACHINES	<b>32</b> BUSY BEES <b>33</b> FOOD & SPORTS <b>34</b> POWERFUL POLYMERS <b>35</b> OUTDOOR EXPLORERS	<b>43</b> RED WIGGLERS <b>44</b> SEWING 101 <b>45</b> VIRTUAL REALITY BLDG B <b>46</b> CSI DISCOVERY
12:45–2:45	<b>2</b> KICKSTART CHESS! <b>11</b> CARE BLANKETS <b>12</b> GAME ON! <b>13</b> CROSS-STITCH	<b>2</b> KICKSTART CHESS! <b>23</b> ESCAPE ROOM A <b>24</b> WATERCOLOR WONDERS <b>25</b> BRIDGES & ROADS	<b>2</b> KICKSTART CHESS! <b>36</b> MASON JAR CREATIONS <b>37</b> STEAK SCIENCE <b>38</b> UPCYCLED FUN	<b>2</b> KICKSTART CHESS! <b>47</b> DECORATIVE COUCHING <b>48</b> POP CAN CASTING <b>49</b> SCIENCE KIDS
3:00–5:00	<b>14</b> DISCOVER KUMIHIMO <b>15</b> OZOBOT ROBOTS <b>16</b> ANIMAL INSIDER	<b>26</b> ESCAPE ROOM B <b>27</b> BE ART SMART! <b>28</b> MICRO:BITS	<b>39</b> BABYSITTING KIT <b>40</b> IMPRESSIVE LEAVES	<b>NO CLASSES</b>

## 4–Day Workshops

### 1 Rocketry

Build your own rocket and launch it. Receive a rocket kit and one engine. Only for youth who have not previously taken this class.

TUE-FRI, JUNE 15-18; 8-10AM  
 AGES 8-12 • FEE \$20

Instructor: Ron Suing, 4-H Volunteer

### 2 Kickstart Chess!

Want to become a grandmaster? Learn basic rules to game-winning strategies. This progressive program is for beginners and those beyond. Lessons are supplemented by practice and play.

TUE-FRI, JUNE 15-18; 12:45-2:45PM  
 AGES 8 & up • FEE \$12

Instructor: James Walla, 4-H Volunteer

## 2–Day Workshop

### 3 Derby Cars

Design, paint and race your own derby car.

WED, JUNE 16; 8-10AM (Wear clothes appropriate for painting.)

FRI, JUNE 18; 8-10AM

AGES 8 & up • FEE \$15

Instructor: Karen Wedding, Extension Staff

## 1–Day (2-Hour) Workshops

### 4 Horse Course – A

An introduction to grooming, tacking and safety around a horse. A horse will help teach. Must wear closed-toed shoes. Same as Horse Course – B.

TUE, JUNE 15; 8-10AM

AGES 8 & up • FEE \$6

Instructor: Kate Pulec, Extension Assistant

### 5 Cluck, Cluck, Quack!!

Learn about backyard poultry and have duck races!

TUE, JUNE 15; 8-10AM

AGES: 8 & up • FEE: \$6

Instructor: Stephanie Stephens, Extension 4-H Intern

### 6 Loom Weaving

Weave on a 2-harness table loom.

Learn techniques to add color and pattern to your project.

TUE, JUN 15; 8-10AM

AGES 12 and up • FEE \$10

Instructors: Rhonda Griess and Weaver's Guild members.

### 7 Horse Course – B

An introduction to grooming, tacking and safety around a horse. A horse will help teach. Must wear closed-toed shoes. Same as Horse Course – A.

TUE, JUNE 15; 10:15AM-12:15PM

AGES 8 & up • FEE \$6

Instructor: Kate Pulec, Extension Assistant

### 8 Build a Buddy

Find your voice and make communicating fun while building a stuffed animal!

TUE, JUNE 15; 10:15AM-12:15PM

AGES 8 & up • FEE \$5

Instructor: Paula Peterson, 4-H Volunteer

### 9 Terrific Table Setting

Create an awesome centerpiece and learn how to participate in the 4-H Table Setting contest at the Super Fair.

TUE, JUNE 15; 10:15AM-12:15PM

AGES 8 & up • FEE \$6

Instructor: Ellie Babcock, Extension 4-H Intern

### 10 Critter Scene Investigation

Become a wildlife detective as you hunt for clues of animal activity.

TUE, JUNE 15; 10:15AM-12:15PM

AGES 8 & up • FEE \$5

Instructors: Julia Plugge, Outdoor Specialist; Monica Macoubrie, Project Wild Coordinator; Nebraska Game & Parks Commission

### 11 Care Blankets

Make tie blankets to share with those in need.

TUE, JUNE 15; 12:45-2:45PM

AGES 8 & up • FEE \$8

Instructor: Tammy Sheldon, 4-H Volunteer

### 12 Game On!

Play modern board games like never before by using special reasoning and critical thinking.

TUE, JUNE 15; 12:45-2:45PM

AGES 8 & up • FEE \$5

Instructors: GameSchool Project Volunteers

### 13 Counted Cross-stitch

Count and stitch your way to a creative fair project.

TUE, JUNE 15; 12:45-2:45PM

AGES 8 & up • FEE \$10

Instructor: Sandi Dittbrenner, 4-H Volunteer

### 14 Discover Kumihimo

Girls and boys! Explore the Japanese art of cord braiding.

TUE, JUNE 15; 3-5PM

AGES 8 & up • FEE \$6

Instructor: Cathy Babcock, 4-H Volunteer

### 15 Ozobot Robots

Explore computer programming and robotics using Ozobots.

TUE, JUNE 15; 3-5PM

AGES 8 & up • FEE \$6

Instructors: 4-H Extension Staff

### 16 Animal Insider

Did you know a cow has four stomachs? Learn the fascinating ins and outs of animals.

TUE, JUNE 15; 3-5PM

AGES 8 & up • FEE \$6

Instructor: Stephanie Stephens, Extension 4-H Intern

### 17 Origami

Learn the ancient art of paper folding and make a fun mobile for your room.

WED, JUNE 16; 8-10AM

AGES 10 & up • FEE \$5

Instructor: Rhonda Griess, 4-H Volunteer

### 18 Real World GPS & GIS

Discover the amazing world of Global Positioning Systems and Geographical Information Systems!

WED, JUNE 16; 8-10AM

AGES 8 & up • FEE \$6

Instructors: Lancaster County Engineers

### 19 H<sub>2</sub>O Jungle

Build your own jungle in a jar and see the water cycle in action.

WED, JUNE 16; 10:15AM-12:15PM

AGES 8 & up • FEE \$5

Instructor: Becky Schuerman, Extension Associate

### 20 Leaping Llama 101

Learn basic camelid behavior and handling, then walk llamas and/or alpacas through an obstacle course.

WED, JUNE 16; 10:15AM-12:15PM

AGES 8 & up • FEE \$6

Instructor: Danetta Jensen, Star City Llama & Alpaca 4-H Club leader

### 21 Crafty Kids

Make a home environment project to beautify your space and take to the fair.

WED, JUNE 16; 10:15AM-12:15PM

AGES 8 & up • FEE \$6

Instructor: Ellie Babcock, Extension 4-H Intern

### 22 Big Power Machines

Get a "behind the scenes" look at BIG machines.

WED, JUNE 16; 10:15AM-12:15PM

AGES 8 & up • FEE \$6

Instructors: Lancaster County Engineers

### 23 Escape Room - A

Use strategy and clues to solve scenario puzzles in order to escape the room. Same as Escape Room - B.

WED, JUNE 16; 12:45-2:45PM

AGES 8 & up • FEE \$5

Instructors: GameSchool Project Volunteers

### 24 Watercolor Wonders

Learn drawing and watercolor painting techniques to design a fair project.

WED, JUNE 16; 12:45-2:45PM

AGES 8 & up • FEE \$8

Instructor: Caitlyn Schmidt, Art Educator, Blessed Sacrament School

### 25 Bridges & Roads

Build fantastic bridges, asphalt and more.

WED, JUNE 16; 12:45-2:45PM

AGES 8 & up • FEE \$6

Instructors: Lancaster County Engineers

### 26 Escape Room - B

Use strategy and clues to solve scenario puzzles in order to escape the room. Same as Escape Room - A.

WED, JUNE 16; 3-5PM

AGES 8 & up • FEE \$5

Instructors: GameSchool Project Volunteers

### 27 Be Art Smart!

Be creative and savvy about reusing materials to make an art collage.

WED, JUNE 16; 3-5PM

AGES 8 & up • FEE \$6

Instructor: Caitlyn Schmidt, Art Educator, Blessed Sacrament School

### 28 Micro:bits

Use computational thinking to program this fun, pocket-sized computer.

WED, JUNE 16; 3-5PM

AGES 8 & up • FEE \$10

Instructor: Alaina Kauffman, Extension 4-H Intern

### 29 Backyard Bug Hunt

Catch pollinators and predators that play different roles in our ecosystem. Must wear boots for wet/muddy exploration.

THU, JUNE 17; 8-10AM

AGES 8 & up • FEE \$10

Instructor: Kait Chapman, Extension Educator

### 30 All About DNA

Learn about the "Chemistry Triplet" using modeling and experiments.

THU, JUNE 17; 8-10AM

AGES 8 & up • FEE \$6

Instructor: Dr. Paul Velander, UNL Biochemistry Professor

### 31 On the Bike Path

Learn bicycle safety, riding tips and more! Bring your bike and helmet.

Wear closed-toed shoes — no flip flops.

THU, JUNE 17; 8-10AM

AGES 8 & up • FEE \$5

Instructor: Dena Noe, V.P Marketing, UNL Federal Credit Union

### 32 Busy Bees

Construct & paint a solitary bee hotel and view live bees!

THU, JUNE 17; 10:15AM-12:15PM

AGES 10 & up • FEE \$8

Instructors: Dr. Judy Wu-Smart & UNL Bee Lab Staff

### 33 Food & Sports

A healthy YOU starts with good food and team play!

THU, JUNE 17; 10:15AM-12:15PM

AGES 8 & up • FEE \$8

Instructor: Alyssa Havlovic, Extension Educator

### 34 Powerful Polymers

Learn the secrets of these most amazing molecule chains!

THU, JUNE 17; 10:15AM-12:15PM

AGES 8 & up • FEE \$8

Instructor: Trevor Kauer, UNL PhD Student

### 35 Outdoor Explorers

Identify trees and gather leaves to create a fair project.

THU, JUNE 17; 10:15AM-12:15PM

AGES 8 & up • FEE \$10

Instructor: Calvin DeVries, Extension Assistant

### 36 Mason Jar Creations

Design a unique fair project using a glass jar.

THU, JUNE 17; 12:45-2:45PM

AGES 8 & up • FEE \$5

Instructor: Ellie Babcock, 4-H Extension Intern

### 37 Steak Science

Learn about what goes into creating your favorite meat products.

THU, JUNE 17; 12:45-2:45PM

AGES 10 & up • FEE \$5

Instructor: Brianna Buseman, Extension Educator

### 38 Upcycled Fun

Create something new from discarded materials.

THU, JUNE 17; 12:45-2:45PM

AGES 8 & up • FEE \$5

Instructor: Tammy Sheldon, 4-H Volunteer

### **39 Babysitting Kit**

Create a babysitting kit to promote child self-regulation.

THU, JUNE 17; 3-5PM

AGES 8 & up • FEE \$8

Instructor: Jaci Foged, Extension Educator

### **40 Impressive Leaves**

Turn unique leaf shapes into an artistic Forestry fair project.

THU, JUNE 17; 3-5PM

AGES 8 & up • FEE \$5

Instructor: Sarah Browning, Extension Educator & Master Gardeners

### **41 Hunt, Catch, Pin**

Prepare your own entomology single bug box. Must wear boots for wet/muddy exploration.

FRI, JUNE 18; 8-10AM

AGES 8 & up • FEE \$10

Instructor: Calvin DeVries, Extension Assistant

### **42 Virtual Reality Building - A**

Create and present a building model in virtual reality using SketchUp. Same as Virtual Reality Building - B.

FRI, JUNE 18; 8-10AM

AGES 8 & up • FEE \$10

Instructor: Sneha Bhoir, Process Engineer, Hausmann Construction

### **43 Red Wigglers**

Learn how worms turn garbage into healthy food (called vermicompost) for plants and flowers. Create your own worm habitat with your new worm friends!

FRI, JUNE 18; 10:15AM-12:15PM

AGES 8 & up • FEE \$10

Instructors: Pam Cuttlers, Bailey Peterson, 4-H Volunteers

### **44 Sewing 101**

Beginners: Use tips, tools & techniques to complete an easy sewing item. Bring your sewing machine and kit. Some office machines available upon request.

FRI, JUNE 18; 10:15AM-12:15PM

AGES 8 & up • FEE \$5

Instructor: Ellie Babcock, 4-H Extension Intern

### **45 Virtual Reality Building - B**

Create and present a building model in virtual reality using SketchUp.

Same as Virtual Reality Building - A.

FRI, JUNE 18; 10:15AM-12:15PM

AGES 8 & up • FEE \$10

Instructor: Sneha Bhoir, Process Engineer, Hausmann Construction

### **46 CSI Discovery**

Learn how evidence leads to answering questions and solving cases.

FRI, JUNE 18; 10:15AM-12:15PM

AGES 8 & up • FEE \$6

Instructor: Alaina Kauffman, Extension 4-H Intern

### **47 Decorative Couching**

No, it doesn't involve a sofa! Using thread as texture, this machine sewing technique adds designer details to your project. Fabric/supplies provided. Bring your sewing machine, couching/cording sewing foot (if available) and sewing tools. Some office machines and special couching foots available for use upon request. Must have basic sewing skills.

FRI, JUNE 18; 12:45-2:45PM

AGES 10 & up • FEE \$8

Instructor: Kath Conroy, 4-H Volunteer

### **48 Pop Can Casting**

Learn about fishing, lures and native Nebraska fish.

FRI, JUNE 18; 12:45-2:45PM

AGES 8 & up • FEE \$8

Instructor: Stephanie Stephens, 4-H Extension Intern

### **49 Science Kids**

Fun learning with STEM.

FRI, JUNE 18; 12:45-2:45PM

AGES 8 & up • FEE \$8

Instructors: 4-H Extension Staff