

Resource & Curriculum Guide for Illinois 4-H Projects

Name: _____

Club: _____

Project learning is an important part of the 4-H club experience. The following resources are available to support you in your journey.

Check the projects you wish to study during the 2023-24 4-H year.

ANIMAL SCIENCE PROJECTS



BEEF

- _____ LEVEL 1: Bite into Beef
- _____ LEVEL 2: Here's the Beef
- _____ LEVEL 3: Leading the Charge

CATS

- _____ LEVEL 1: Purr-fect Pals!
- _____ LEVEL 2: Climbing Up
- _____ LEVEL 3: Leaping Forward

DAIRY CATTLE

- _____ LEVEL 1: Cowabunga!
- _____ LEVEL 2: Mooving Ahead
- _____ LEVEL 3: Rising to the Top

DAIRY & MEAT GOATS

- _____ LEVEL 1: Getting Your Goat
- _____ LEVEL 2: Stepping Out
- _____ LEVEL 3: Showing the Way
- _____ LEVEL 1: Just Browsing
- _____ LEVEL 2: Growing with Meat Goats
- _____ LEVEL 3: Meating the Future

DOGS

- _____ LEVEL 1: Wiggles & Wags
- _____ LEVEL 2: Canine Connection
- _____ LEVEL 3: Leading the Pack

HORSE

- _____ LEVEL 1: Giddy Up & Go
- _____ LEVEL 2: Head, Heart & Hooves
- _____ LEVEL 3: Stable Relationships
- _____ LEVEL 4: Riding the Range
- _____ LEVEL 5: Jumping to New Heights
- _____ Horse & Horsemanship
- _____ Horse Science

POULTRY

- _____ LEVEL 1: Scratching the Surface
- _____ LEVEL 2: Testing Your Wings
- _____ LEVEL 3: Flocking Together

RABBIT

- _____ LEVEL 1: What's Hoppening?
- _____ LEVEL 2: Making Tracks
- _____ LEVEL 3: All Ears!

SHEEP

- _____ LEVEL 1: Rams, Lambs, & You
- _____ LEVEL 2: Shear Delight
- _____ LEVEL 3: Leading the Flock

SMALL PETS

- _____ Level 1: Pet Pals
- _____ Level 2: Scurrying Ahead
- _____ Level 3: Scaling the Heights
- _____ Cavy Handbook: Guide to Guinea Pigs

SWINE

- _____ LEVEL 1: The Incredible Pig
- _____ LEVEL 2: Putting the Oink in Pig
- _____ LEVEL 3: Going Whole Hog

VETERINARY SCIENCE

- _____ Level 1: From Airedales to Zebras
- _____ Level 2: All Systems Go
- _____ Level 3: On the Cutting Edge

CAREER & LEADERSHIP DEVELOPMENT PROJECTS



CAREER READINESS

- _____ Build Your Future Notebook
- _____ Build Your Future Facilitator Guide

CONSUMER EDUCATION

- _____ Be the “E” Entrepreneurship Guide Digital Download
- _____ My Financial Future Beginner Youth Notebook
- _____ My Financial Future Advanced Youth Notebook
- _____ My Financial Future: Facilitator Guide
- _____ Be the “E” Entrepreneurship Helper Guide Digital

LEADERSHIP

- _____ Level 1: Skills You Never Outgrow 1
- _____ Level 2: Skills You Never Outgrow 2
- _____ Level 3: Skills You Never Outgrow 3

CIVIC ENGAGEMENT PROJECTS



CIVIC ENGAGEMENT

- _____ Citizenship: Level 1 - All About Me
- _____ Citizenship: Level 2 - My Neighborhood
- _____ Citizenship: Level 3 - My Community and Me

COMMUNITY SERVICE

- _____ Level 1: Agents of Change
- _____ Level 2: Raise Your Voice

EXPLORATORY

- _____ Welcome to 4-H: An Introduction to 4-H
- _____ Exploring the Treasures of 4-H
- _____ My Favorite Things (Collectibles)
- _____ Bienvenidos a 4-H

FAMILY HERITAGE

- _____ Family History Treasure Hunt

DIVERSITY & CULTURAL AWARENESS

- _____ Diversity: The Source of Our Strength (individual)
- _____ Seeing izi: Adventures (*use if working as a club*)

INTERCULTURAL

- _____ 4-H Passport to the World

CREATIVE ARTS PROJECTS**COMMUNICATIONS**

- _____ Communications Module 1
- _____ Communications Module 2
- _____ Communications Module 3
- _____ CREATIVE WRITING: The Writer in You
- _____ PUBLIC SPEAKING: Finding Your Voice
- _____ Journalism

INTERIOR DESIGN

- _____ Design Decisions

PHOTOGRAPHY

- _____ Level 1: Photography Basics
- _____ Level 2: Next Level Photography
- _____ Level 3: Mastering Photography

THEATRE ARTS

- _____ Level 1: Beginner
- _____ Level 2: Intermediate
- _____ Level 3: Advanced
- _____ Level 3: Advanced Digital Access Code

VIDEO

- _____ 4-H Filmmaking Workshop CD

VISUAL ARTS: (CHALK/CARBON/PIGMENT, CLAY, COMPUTER-GENERATED ART, FIBER, FOOD DECORATING, GLASS & PLASTIC, HERITAGE ARTS, LEATHER, METAL, NATURE, PAPER, SCRAPBOOKING, 3-DIMENSIONAL, WOOD)

- _____ Getting Started in Art (Beginner)
- _____ Level 1: Sketchbook Crossroads
- _____ Level 2: Portfolio Pathways
- _____ Elements & Principles of Design
- _____ Card
- _____ Exploring Fiber Arts
- _____ Creating Stained Glass Projects
- _____ You Can Quilt
- _____ Quilting is Best Better
- _____ Duct Tape Crafts
- _____ 4-H Crochet
- _____ The 4-H Crocheting Handbook
- _____ Knitting Made Easy
- _____ Cake Decorating
- _____ Unit 1 - Introduction to Leathercraft & Creative Stamping
- _____ Unit 2 – Beginning Leather Carving
- _____ 4-H Leather Craft Unit 3-7
- _____ 4-H Leather Craft Unit 8-10
- _____ 4-H Metal Enameling Member Guide
- _____ Paper Crafts
- _____ 4-H Scrapbooking Digital Download

CLOTHING & TEXTILES

- _____ Steam Clothing 1: FUNdamentals
- _____ Steam Clothing 1: FUNdamentals
- _____ Steam Clothing 2: Simply Sewing
- _____ Steam Clothing 2: Simply Sewing
- _____ Steam Clothing 3: A Stitch Further
- _____ Steam Clothing 3: A Stitch Further
- _____ Shopping in Style
- _____ Steam Clothing: Beyond the Needle
- _____ Maker's Guide to Sewing Stuff

ENVIRONMENTAL SCIENCES PROJECTS



ENTOMOLOGY

- _____ Teaming with Insects 1
- _____ Teaming with Insects 2
- _____ Teaming with Insects 3

BEEKEEPING

- _____ Level 1: Understanding the Honey Bee
 - _____ Level 2: Working with Honey Bees
 - _____ Level 3: Advanced Beekeeping
- Methods

FORESTRY

- _____ Level 1: Follow the Path
- _____ Level 2: Reach for the Canopy
- _____ Level 3: Explore the Deep Woods

GEOLOGY

- _____ Introduction to the Study of the Earth

NATURAL RESOURCES & OUTDOOR LIVING

- _____ Exploring your Environment: Ecosystem Services
- _____ Exploring your Environment: Earth's Capacity
- _____ Level 1: Hiking Trails
- _____ Level 2: Camping Adventures
- _____ Level 3: Backpacking Expeditions
- _____ Step Into Nature
- _____ Explore the Natural World
- _____ Blaze the Trail

FISHING & WILDLIFE

- _____ Take the Bait
- _____ Reel in the Fun
- _____ Cast Into the Future
- _____ Wildlife Science Level 1
- _____ Wildlife Science Level 1
- _____ Wildlife Science Level 2
- _____ Wildlife Science Level 2
- _____ Wildlife Science Level 3
- _____

WEATHER

- _____ Level 1: Weather and Climate Science
- _____ Level 1: Weather and Climate Science
- _____ Level 2: Weather and Climate Science
- _____ Level 2: Weather and Climate Science
- _____ Level 3: Weather and Climate Science
- _____ Level 3: Weather and Climate Science

SHOOTING SPORTS

All youth wishing to take a shooting sports project must be enrolled in a 4-H club under the supervision of a certified shooting sports instructor. **Youth may not enroll independently.**

SHOOTING SPORTS PROJECTS

- _____ 4-H Shooting Sports Rifle .22 Caliber & Air Rifle
- _____ 4-H Shooting Sports Archery
- _____ 4-H Shooting Sports Shotgun
- _____ 4-H Shooting Sports Air & .22 Caliber Pistol

SHOOTING SPORTS CURRICULUM FOR ALL DISCIPLINES

- _____ 4-H Shooting Sports Education Project

SHOOTING SPORTS: HUNTING & OUTDOOR SKILLS

- _____ Hunting/Wildlife Record Book

FOOD SYSTEMS



CROPS

- _____ Corn
- _____ Small Grains
- _____ Soybeans
- _____ Crops Record

COVER CROPS

- _____ Cover Crop Science: An Inquiry-based project book

HORTICULTURE

- _____ See Them Sprout
- _____ Let's Get Growing
- _____ Take Your Pick
- _____ Growing Profits
- _____ Floriculture Level A
- _____ Floriculture Level B
- _____ Floriculture Level C
- _____ Floriculture Level D
- _____ Illinois Vegetable Guide

PLANTS & SOILS

- _____ It's More Than Just Dirt
- _____ Stems and Stamens
- _____ Sprouting Out and Growing Up

HEALTHY LIVING & NUTRITION PROJECTS



CHILD DEVELOPMENT

- _____ Level A: Building a Bright Beginning
- _____ Level B: Building Blocks of Learning
- _____ Level C: Building a Strong Foundation
- _____ Level D: Building Relationships

FOOD & NUTRITION

- _____ 4-H Cooking 101
- _____ 4-H Cooking 201
- _____ 4-H Cooking 301
- _____ 4-H Cooking 401
- _____ What's on Your Plate? Unit 1 Youth Science Journal
- _____ What's on Your Plate? Unit 2 Youth Science Journal
- _____ What's on Your Plate? Unit 3 Youth Science Journal
- _____ What's on Your Plate? Unit 4 Youth Science Journal
- _____ Sports Nutrition: Ready, Set, Grow
- _____ Home Food Preservation: Boiling Water Canning
- _____ Home Food Preservation: Drying Project
- _____ Home Food Preservation: Freezing
- _____ 4-H Cooking Helper's Guide

Food & Nutrition Continued

- _____ What's on Your Plate? Unit 1 Facilitator Guide
- _____ What's on Your Plate? Unit 2 Facilitator Guide
- _____ What's on Your Plate? Unit 3 Facilitator Guide
- _____ What's on Your Plate? Unit 4 Facilitator Guide
- _____ Put It Up Food Preservation for Youth

HEALTH

- _____ First Aid in Action
- _____ Staying Healthy
- _____ Keeping Fit

STEM: SCIENCE, TECHNOLOGY, ENGINEERING & MATH PROJECTS**AEROSPACE**

- _____ Level 1: Pre-Flight
- _____ Level 2: Lift-Off
- _____ Level 3: Reaching New Heights
- _____ Level 4: Pilot in Command

BICYCLE

- _____ Level 1: Bicycling for Fun
- _____ Level 2: Wheels in Motion

COMPUTER SCIENCE

- _____ Computer Science Visual Based Programming
- _____ Computer Science Text-Based Programming

ELECTRICITY

- _____ Level 1: Magic of Electricity
- _____ Level 2: Investigating Electricity
- _____ Level 3: Wired for Power
- _____ Level 4: Entering Electronics

ROBOTICS

- _____ Robotics 1 with EV3
- _____ Robotics 2 with EV3N
- _____ Robotics 3
- _____ Junk Drawer Level 1: Give Robots a Hand
- _____ Junk Drawer Level 2: Robots on the Move
- _____ Junk Drawer Level 3: Mechatronics
- _____ Junk Drawer: Youth Notebook

SMALL ENGINES

- _____ Level 1: Crank It Up
- _____ Level 2: Warm It Up
- _____ Level 3: Tune It Up

TECHNOLOGIES

- _____ Maker
- _____ Esports
- _____ Unmanned Aerial Vehicles/Systems: Drones

TRACTOR

- _____ Level A: Starting Up
- _____ Level B: Tractor Operation
- _____ Level C: Moving Out
- _____ Level D: Learning More

WELDING

- _____ Arcs and Sparks

Woodworking

- _____ Level 1: Measuring Up
- _____ Level 2: Making the Cut
- _____ Level 3: Nailing It Together
- _____ Level 4: Finishing Up

CLOVERBUDS for youth 5 to 7 years of age**CLOVERBUD PROJECT**

Note – Cloverbuds utilizes an adult-led youth program format. Learning activities are conducted in a group setting at the club meetings therefore curriculum is available as instructional & activity resources for the leader. In some instances, there is a youth project book, however that should be made available for youth to complete during the club meeting. Purchase of those items for each member are optional; instead, the leader can purchase one copy as a reference guide as they lead the hands-on activity

CLOVERBUD

- _____ The Big Book of 4-H Cloverbud Activities
- _____ Exploring 4-H: Cloverbud Activity Booklet
- _____ Cloverbud Coloring Book
- _____ All About Pets Cloverbud Activity Booklet
- _____ All About Insects Cloverbud Activity Booklet
- _____ Create Your Own Marshmallow Rocket Cloverbud Activity
- _____ 4-H Cloverbud Citizenship
- _____ 4-H Cloverbud Communicative & Expressive Arts
- _____ 4-H Cloverbud Family & Consumer
- _____ 4-H Cloverbud Personal Development & Leadership
- _____ 4-H Cloverbud Plants & Animals
- _____ 4-H Cloverbud Science & Technology Clubs
- _____ Cloverbuds - Animal Science: Caring for a Pet
- _____ Cloverbuds – Plant Science: Green & Growing
- _____ Seed Chart - Green & Growing Activity sheet
- _____ Cloverbuds – Science, Engineering & Technology: Where in the World
- _____ Cloverbuds - Continent Cut Outs - Where in the World Activity
- _____ Cloverbuds – Science, Engineering & Technology: Exploring Electricity
- _____ Cloverbuds – Science, Engineering & Technology: Way Cool Science
- _____ Cloverbuds – Kissing Fish Handout (Way Cool Science)
- _____ Cloverbuds – Personal Development & Service Learning: Friends & Me
- _____ Cloverbuds Citizenship: Setting the Table
- _____ Cloverbuds – Setting the Table, Napkin Folding Handout
- _____ Cloverbuds – Setting the table, Secrets Table Manners Handout
- _____ Cloverbuds Citizenship: Rooted in Community
- _____ Cloverbuds Citizenship: Cultural Kaleidoscope: American Indians
- _____ Cloverbuds Magic Cedar Basket Handout (Cultural Kaleidoscope: American Indians)

Cloverbud Continued

- _____ Cloverbuds – Environmental & Earth Sciences: Nature Explorers
- _____ Cloverbuds – Environmental & Earth Sciences: Insect Investigations
- _____ Cloverbuds – Communication & Expressive Art: Printing with Nature
- _____ Cloverbuds – Communication & Expressive Art: Building Works of Art
- _____ Cloverbuds – Consumer & Family Science: Needlepoint on Plastic Canvas
- _____ Cloverbuds – Consumer & Family Science: Textile Creations
- _____ Cloverbuds – Consumer & Family Science: Color Your World
- _____ Cloverbuds – Healthy Living: Dairy Treats
- _____ Cloverbuds – Healthy Living: Food Adventurers
- _____