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 2024-25 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 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

MEAT GOATS
_____ 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

COMMUNITCATIONS
_____ Communications Module 1
_____ Communications Module 2
_____ Communications Module 3

_____ Public Speaking: Finding Your Voice
_____ Journalism, News & Social Media

CAREER DEVELOPMENT
_____ Build Your Future Notebook
_____ Be the "E" Entrepreneurship Guide

CONSUMER EDUCATION
_____ My Financial Future Beginner Youth Notebook
_____ My Financial Future Advanced Youth Notebook

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

BABYSITTING
_____ Illinois 4-H Babysitting Project

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 i2i: Adventures _(use if working as a club)_

INTERCULTURAL
_____ 4-H Passport to the World

CREATIVE AND CULTURAL ARTS PROJECTS

CREATIVE WRITING
_____ Creative Writing: The Writer in You

INTERIOR DESIGN
_____ Design Decisions

VISUAL ARTS:
CHALK/CARBON/PIGMENT
_____ Level 1: Sketchbook Crossroads
_____ Level 2: Portfolio Pathways

CLAY
_____ Getting Started in Art

COMPUTER GENERATED ART
_____ Getting Started in Art

FIBER
_____ Exploring Fiber Arts
_____ 4-H Crochet
_____ Knitting Made Easy
_____ Duct Tape Crafts

FOOD DECORATING
_____ Cake Decorating

GLASS & PLASTIC
_____ Creating Stained Glass Projects

HERITAGE ARTS
_____ Getting Started in Art

LEATHER
_____ Unit 1- Intro to Leathercraft &
Creative Stamping
_____ Unit 2- Beginning Leather Carving
_____ 4-H Leather Craft Unit 3-7
_____ 4-H Leather Craft Unit 8-10

METAL
_____ 4-H Metal Enameling

NATURE
_____ Getting Started in Art

PAPER
_____ Paper Crafts

QUILTING
_____ You Can Quilt
_____ Quilting the Best Better

SCRAPBOOKING
_____ 4-h Scrapbooking

3-DIMENSIONAL MIXED MEDIA
_____ Getting Started in Art
WOOD
_____ Getting Started in Art

CLOTHING & TEXTILES
_____ Steam Clothing 1: FUNdamentals
_____ Steam Clothing 2: Simply Sewing
_____ Steam Clothing 3: A Stitch Further
_____ Shopping in Style
_____ Steam Clothing: Beyond the Needle
_____ Maker's Guide to Sewing Stuff
_____ Clothing Embellishment
_____ Costume Design

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

VIDEO
_____ 4-H Filmmaking Workshop CD

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
_____ Exploring your Environment: Ecosystem Services

_____ Exploring your Environment: Earth's Capacity

OUTDOOR ADVENTURES
_____ Level 1: Hiking Trails
_____ Level 2: Camping Adventures
_____ Level 3: Backpacking Expeditions

FISHING & WILDLIFE

SPORTFISHING
____ Take the Bait
____ Reel in the Fun
____ Cast Into the Future

WILDLIFE
____ Wildlife Science Level 1
____ Wildlife Science Level 2
____ Wildlife Science Level 3

WEATHER
____ Level 1: Weather and Climate Science
____ Level 2: Weather and Climate Science
____ Level 3: Weather and Climate Science

SHOOTING SPORTS
ALL YOUTH WISING TO TAKE A SHOOTING SPORTS PROJECT <u>MUST BE ENROLLED IN THE SHOOTING SPORTS 4-H CLUB</u>.

SHOOTING SPORTS PROJECTS
_____ 4-H Shooting Sports Rifle .22 Caliber & Air Rifle
_____ 4-H Shooting Sports Archery
_____ 4-H Shooting Sports Shotgun

SHOOTING SPORTS CURRICULUM FOR ALL DISIPLINES
_____ 4-H Shooting Sports Education Project

FOOD SYSTEMS

CROPS
- Corn
- Small Grains
- Soybeans

COVER CROPS
- Cover Crop Science: An Inquiry-based project book

HORTICULTURE
- Gardening Level A: See Them Sprout
- Gardening Level B: Let's Get Growing
- Gardening Level C: Take Your Pick
- Gardening Level D: Growing Profits
- Floriculture Level A
- Floriculture Level B
- Floriculture Level C
- Floriculture Level D

PLANTS & SOILS
- It's More Than Just Dirt
- Stems and Stamens
- Sprouting Out and Growing Up

HEALTHY LIVING & NUTRITION PROJECTS

FOOD & NUTRITION

COOKING
- 4-H Cooking 101
- 4-H Cooking 201
- 4-H Cooking 301
- 4-H Cooking 401
- Global Gourmet

FOOD SCIENCE
- Science Fun with Dairy Foods
- Science Fun with Kitchen Chemistry
- 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

FOOD PRESERVATION
- Home Food Preservation: Boiling Water Canning
- Home Food Preservation: Drying Project
- Home Food Preservation: Freezing
- Home Food Preservation: Pressure Canning

HEALTH
- Sports Nutrition: Ready, Set, Grow
- Everyday Food and Fitness
- Your Thoughts Matter
- Your Feelings Matter
- Health Exploration & Innovation

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 <u>Visual Based Programming</u>
_____ Level 1: Discovering CS & Prog through Scratch
_____ Level 1: Discovering CS & Prog through Scratch Notebook
_____ Level 2: Discovering CS & Prog through Scratch
_____ Level 2: Discovering CS & Prog through Scratch Notebook
_____ Level 3: Discovering CS & Prog through Scratch
_____ Level 3: Discovering CS & Prog through Scratch Notebook
_____ Floriculture Level C
_____ Floriculture Level D

Computer Science <u>Text-Based Programming</u>
_____ Level 1: Text Based Programming: Intro to Python Activity Guide
_____ Level 2: Text Based Programming: Intro to Python Activity Guide

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 1 (Spike Prime)
_____ Robotics 2: EV3 N More
_____ Robotics 2 (Spike Prime)
_____ Robotics 3

JUNK DRAWER ROBOTICS
_____ 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

TECHNOLGIES
_____ Maker
_____ Esports
_____ Unmanned Aerial Vehicles/Systems: Drone

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

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

WELDING
_____ Arcs and Sparks

CLOVERBUDS for youth 5 to 7 years of age

CLOVERBUD

_____ Series I
_____ Series II