

Project Books



Science, Engineering & Technology

Louisiana 4-H supports a large variety of projects for members. 4-H members are given the chance each year to choose a project book and complete activities. The following project books are in the Science, Engineering and Technology program area.

http://www.lsuagcenter.com/en/4H/about_4H/programs/science_engineering_technology/SET+Project+Books.htm

Discovering 4-H (introduction to Louisiana 4-H, 4th-6th)

Raising Animals

- Pet Project (Grades 4-6)
- Bite Into Beef (Grades 4-6)
- Dig Into Dairy (Grades 4-6)
- Just Browsing - Goats (Grades 4-6)
- Giddy Up and Go - Horses (Grades 4-6)
- Lambs, Rams and You (Grades 4-6)
- Poultry Project (Grades 4-6)
- What's Hoppening - Rabbits (Grades 4-6)
- Growing with Swine (Grades 4-6)

Aerospace

- Lift-Off (Grades 4-6)
- Reaching New Heights (Grades 7-8)
- Pilot in Command (Grades 9-12)

Cat Care

- Purrfect Pals (Grades 4-6)
- Climbing Up (Grades 7-8)

Leaping Forward (Grades 9-12)

Citizenship

Learning More About You and Citizenship (Grade 6)
Step Up to Leadership (Grades 6-12)
Play The Role: Theater Arts (Grades 4-6)
Picking Up Pieces: Communications (Grades 4-6)
Agents of Change: Service Learning (Grades 5-6)
Setting the Stage (Grades 9-12)
Speaking Extemporaneously and Learning to Persuade
Others (Grades 9-12)
Broadcast and Print Journalism (Grades 9-12)
The Perfect Fit: Communications (Grades 9-12)
Raise Your Voice: Service Learning (Grades 9-12)

Clothing/Sewing Expressions

Under Construction (Grades 4-6)
Clothing Clues (Grades 7-8)
Fashion Forward (Grades 7-8)
Refine Design (Grades 9-12)
Clothing Project (Grades 9-12)

Dog Care

Wiggles and Wags (Grades 4-6)
Canine Connection (Grades 7-8)
Leading the Pack (Grades 9-12)

Environment

You and the Environment (Grades 4-6)
Aquaculture - Farming Louisiana Waters (Grades 7-8)
You and the Environment (Grades 7-12)
Wildlife Conservation (Grades 7-8)

Electric Excitement

Inside the Box: computer repair (7-8)
The Power of the Wind (Grades 6-8)
Magic of Electricity (Grades 4-6)
Investigating Electricity (Grades 7-8)
Wired for Power (Grades 9-12)
Entering Electronics (Grades 10-12)

Forestry & Woodworking

Follow the Path (Grades 4-6)
Measuring Up (Grades 4-6)
Reach for the Canopy (Grades 7-8)
Explore the Deep Woods (Grades 9-12)
Making the Cut (Grades 7-8)
Nailing It Together (Grades 9-12)
Finishing Up (Advanced Level)

Healthy Living

6 Easy Bites: food curriculum (Grades 4-6)
The Consumer and Me (Grades 4-6)
Growing With Others (Grades 5-6)
Bags and Tricks: Microwave (Grade 4)
Micro Magicians (Grades 5-6)
First Aid in Action (Grades 4-6)
Reading Makes Cents: lessons about money (Grades 4-6)
Tasty Tidbits (Grades 7-8)
Pardon, The Real You is Showing (Grades 7-8)
Focus on Fitness (Grades 7-8)
Growing in Communities (Grades 7-10)
Staying Healthy (Grades 7-8)
Amazing Rays: Microwave (Grades 7-9)
Consumer Wise (Grades 7-8)
Money Foundations (Grades 7-9)
Money Moves (Grades 7-8)
Be The E: Entrepreneurship (Grades 7-12)

Putting It Together: Public Speaking (Grades 7-8)
Becoming a Puppeteer (Grades 7-8)
Citizenship (Grades 7-12)
Buying Your First Car (Grades 11-12)
Keys to Happy Motoring: You and the Driving Task (Grade 10)
Peer to Peer: Social Networking (Grades 9-10)
Teens Teaching Tech: teens teaching computers to adults in service projects (Grades 11-12)
Food and Nutrition (Grades 9-12)
You're the Chef (Grades 9-12)
Keeping Fit (Grades 9-12)
Foodworks: Nutrition (Grades 10-12)
Presto Meals: Microwave (Grades 10-12)
Jumpstart for Jobseekers (Grades 9-12)
Consumer Roadmap (Grades 9-12)
Getting in the Act: Take 1 Guide and CD (Grade 9)
4-H Learn to Earn: Lawn Care (Grades 9-12)
The Car and the Highway (Grade 10)

Home Environment

Housing Design & Improvement (Grades 7-8)
From Home Design to Housing Issues (Grades 9-12)

Horticulture/ Gardening

Let's Get Growing (Grades 5-6)
See Them Sprout (Grades 4-6)
Take Your Pick (Grades 7-8)
Horticulture (Grades 7-8)
Horticulture (Grades 9-12)
Growing Profits (Grades 10-12)

Insects/Entomology

Creepy Crawlies (Grades 4-6)
What's Bugging You? (Grades 7-8)

Dragons, Houses and Other Flies (Grades 9-12)

Machines (engines, tractor, auto)

Crank it Up (Grades 4-6)

Warm It Up- Small Engines (Grades 7-8)

Turn It Up- Small Engines (Grades 9-12)

Automotive Care & Safety - Maintenance and Operation (Grades 11-12)

4-H Tractor Project (Grades 10-12)

Outdoor Skills

Take the Bait: Fishing (Grades 4-6)

Reel in the Fun: Fishing (7-8)

Cast Into the Future: Fishing (Grades 9-12)

Louisiana 4-H Outdoor Skills - *Available only at workshops conducted by certified 4-H Shooting Sports instructors.*

Camping Adventures (7th-8th Grades)

Backpacking Expeditions (9th-12th Grades)

Hiking Trails

Pet Care

Pet Pals (Grade 4)

Scurry Ahead Pets (Grades 5-8)

More About Pets (Grades 7-8)

Pet Care (Grades 9-12)

Scaling the Heights (9-12)

Photography

Focus on Photography (Grades 4-6)

Controlling the Image (Grades 7-8)

Photo- 2 Adventures With Your Camera B (Grades 7-8)

Mastering Photography (Grades 9-12)

Advanced Photography (Grades 9-12)

Plant Science

Agronomy (Grades 7-8)
Agronomy (Grades 9-12)

Veterinary Science

From Airedales to Zebras: Vet Science (Grades 4-6)
Animal Health Care (Grades 7-8)
All Systems Go: Vet Care (Grades 7-8)
Vet Science (Grades 9-12)
On the Cutting Edge: Vet Science (Grades 9-12)

Livestock

Here's the Beef (Grades 7-8)
Leading the Charge - Beef (Grades 9-12)
Mooving Ahead - Dairy (Grades 7-8)
Rising to the Top - Dairy (Grades 9-12)
Get Growing With Meat - Goat (Grades 7-8)
Meating the Future - Goat (Grades 7-8)
Head, Heart & Hooves - Horse (Grades 7-8)
Stable Relationships- Horse (Grades 7-8)
Riding the Range - Horse (Grades 9-12)
Jump to New Heights- Horse (Grades 9-12)
More About Poultry (Grades 7-8)
4-H Poultry Project (Grades 9-12)
Poultry Judging (Grades 9-12)
Making Tracks - Rabbit (Grades 7-8)
All Ears - Rabbit (Grades 9-12)
Shear Delight - Sheep (Grades 7-8)
Leading the Flock - Sheep (Grades 9-12)
Swine (Grades 7-8)
Swine (Grades 9-12)

Bicycle

Bicycling For Fun (Grades 4-5)
Wheels in Motion (Grades 4-6)