

DOMAIN	PROJECT AREA	PROJECT MATERIALS
Animal Science	01 - Llama	N/A
	02 - Beef	Level 1 Project Manual: Bite Into Beef Level 2 Project Manual: Here's the Beef Level 3 Project Manual: Leading the Charge Sheep or Beef Breeding Project Record (web) 4-H Market Animal Project Record (web) 4-H Beef Breeding Lifetime Record (web)
	03 - Dairy Cattle	Level 1 Project Manual: Cowabunga Level 2 Project Manual: Mooving Ahead Level 3 Project Manual: Rising to the Top 4-H Dairy Record (web)
	04 - Goat	Level 1 Dairy Goat Project Manual: Getting Your Goat Level 2 Dairy Goat Project Manual: Stepping Out Level 3 Dairy Goat Project Manual: Showing the way 4-H Dairy Production Record (web)
		Level 1 Meat Goat Project Manual: Just Browsing Level 2 Meat Goat Project Manual: Get Growing with Meat Goats Level 3 Meat Goat Project Manual: Meating the Future 4-H Market Animal Project Record (web)
	05 - Horse	Level 1 Horse Project Manual: Giddy Up and Go Level 2 Horse Project Manual: Head, Heart and Hooves Level 3 Horse Project Manual: Stable Relationships Level 4 Horse Project Manual: Riding the Range Level 5 Horse Project Manual: Jumping to New Heights Green Horse Training Project (paper or web) 4-H Working Horse Levels 1-2-3-4 Horse Record (web)
	06 - Pets	Level 1 Cat Project Manual: Purr-fect Pals Level 2 Cat Project Manual: Climbing Up Level 3 Cat Project Manual: Leaping Forward
		Level 1 Dog Project Manual: Wiggles and Wags Level 2 Dog Project Manual: Canine Connection Level 3 Dog Project Manual: Leading the Pack
		Level 1 Pet Project Manual: Pet Pals Level 2 Pet Project Manual: Scurrying Ahead Level 3 Pet Project Manual: Scaling the Heights
	07 - Poultry	Level 1 Poultry Project Manual: Scratching the Surface Level 2 Poultry Project Manual: Testing Your Wings Level 3 Poultry Project Manual: Flocking Together Poultry Record (web)
	08 - Rabbits	Level 1 Rabbit Project Manual: What's Hoppening Level 2 Rabbits Project Manual: Making Tracks Level 3 Rabbits Project Manual: All Ears Rabbit Record (web)
09 - Sheep	Level 1 Sheep Project Manual: Rams, Lambs, and You Level 2 Sheep Project Manual: Shear Delight Level 3 Sheep Project Manual: Leading the Flock 4-H Sheep Breeding Project Lifetime Record (web) ND 4-H Sheep or Beef Breeding Project Record 4-H Market Animal Project Record (web) Youth Market Lamb Project Guide (web)	
10 - Swine	Level 1 Swine Project Manual: The Incredible Pig Level 2 Swine Project Manual: Putting the Oink in Pig Level 3 Swine Project Manual: Going Whole Hog 4-H Market Animal Project Record (web) ND 4-H Swine Breeding Project Record (web)	
11 - Vet. Science	Level 1 Vet Science Project Record: From Airedales to Zebras Level 2 Vet Science Project Manual: All Systems Go Level 3 Vet Science Project Manual: On the Cutting Edge	

(Continued on next page)

DOMAIN	PROJECT AREA	PROJECT MATERIALS
Plant Science	12 - Crop Production	Crop Production Worksheet (web) Preparing Crop Sheaves for Exhibit (web) ND Seed Identification Guide Identifying Weeds and Their Seeds
	13 - Horticulture	Level A Horticulture Project Manual: See Them Sprout Level B Horticulture Project Manual: Let's Get Growing Level C Horticulture Project Manual: Take Your Pick Level D Horticulture Manual: Growing Profits Gardening Delights for All (paper or web) Harvesting and Preparing Vegetables for Exhibit (paper or web) Growing Flowers for Containers and Gardens (web) 4-H Container Gardening (web) Garden Journal

Environment and Earth Sciences	14 - Entomology	Butterfly Project Manual: Butterfly WINGS
		Level 1 Insects/Entomology Project Manual: Teaming with Insects
		Level 2 Insects/Entomology Project Manual: Teaming with Insects Level 3 Insects/Entomology Project Manual: Teaming with Insects
	15 - Forestry	Level 1 Forestry Project Manual: Follow the Path Level 2 Forestry Project Manual: Reach for the Canopy Level 3 Forestry Project Manual: Explore the Deep Woods
	16 - Outdoor Skills	Level 1 Outdoor Adventures Project Manual: Hiking Trails Level 2 Outdoor Adventures Project Manual: Camping Adventures Level 3 Outdoor Adventures Project Manual: Backpacking Expeditions
		Birdwatching in North Dakota (web)
		Level 1 Fishing Project Manual: Take the Bait Level 2 Fishing Project Manual: Reel in the Fun Level 3 Fishing Project Manual: Cast into the Future
		Introduction to ND 4-H Shooting Sports Program ND Safe Shooter Manual 4-H Shooting Sports Rifle Rules
	17 - Environment	Level 1 Environment Project Manual: Earth's Capacity Level 2 Environment Project Manual: Ecosystems Services
		Level 1 Nature Trails Project Manual (web) Level 2 Nature Trails Project Manual Level 3 Nature Trails Project Manual
Level A Wildlife Project Manual Level B Wildlife Project Manual Level C Wildlife Project Manual Level D Wildlife Project Manual		
OTHER		4-H Geology (Intro. to the Study of the Earth – 4 levels in 1 manual) Weather and Climate Science Level 1 Weather and Climate Science Level 2 Weather and Climate Science Level 3 Weather and Climate Science Facilitator's Guide

DOMAIN	PROJECT AREA	PROJECT MATERIALS
Science, Engineering, and Technology	18 - Aerospace	Stage 1 Aerospace Project Manual: Pre-Flight Stage 2 Aerospace Project Manual: Lift-Off Stage 3 Aerospace Project Manual: Reaching New Heights Stage 4 Aerospace Project Manual: Pilot in Command
	19 - Electricity	Level 1 Electricity Project Manual: Magic of Electricity Level 2 Electricity Project Manual: Investigating Electricity Level 3 Electricity Project Manual: Wired for Power Level 4 Electricity Project Manual: Entering Electronics
	20 - Wind	The Power of the Wind
	21 - Small Engines	Level 1 Small Engines Project Manual: Crank It Up Level 2 Small Engines Project Manual: Warm It Up Level 3 Small Engines Project Manual: Tune It Up
	22 - Welding	Level 1 Welding Project Manual: Arcs and Sparks Level 2 Welding Project Manual: 4-H Arc Welding Project
	23 - Woodworking	Level 1 Woodworking Project Manual: Measuring Up Level 2 Woodworking Project Manual: Making the Cut Level 3 Woodworking Project Manual: Nailing it Together Level 4 Woodworking Project Manual: Finishing it Up Supplemental Woodworking Project Plans
	24 - Technology	Computer: Discovering Computer Sci. & Programming through Scratch Computer Science and Programming with Scratch – Level 2 Computer Science and Programming with Scratch – Level 3
Robotics		Robotics with EV3

CITIZENSHIP AND LEADERSHIP	Careers	
	25 - Citizenship	WeConnect (facilitators guide) (No youth materials available)
		Service Learning: Agents of Change Service Learning: My Hands to Larger Service
	26 - Leadership	Leadership Road Trip: Where are you going? My Leadership Portfolio – grades 9-12
27 - Communications	Express Yourself – Module 1 Express Yourself – Module 2 Express Yourself – Module 3	

(Continued on next page)

DOMAIN	PROJECT AREA	PROJECT MATERIALS
Creative Arts	28 - Creative Arts	Creative Arts: Arranging Flowers
		Creative Arts: Building Plastic Models from a Kit (web)
		Creative Arts: Working with Clay and Plaster
		Creative Arts: Glue Solution
		Creative Arts: 4-H Scrapbooking
		Creative Arts: Wood Arts (decorative, NOT constructive)
		Creative Arts: 4-H Filmmaking Studio DVD
	Creative Arts: Cake Decorating	
	Creative Arts: Jewelry Making	
	Creative Arts: Getting Started in Art	
	Leathercraft: Introduction to Leathercraft	
	Leathercraft: Beginning Leather Carving	
	Theater Arts: Theatre Arts Journal	
	Visual Arts: Drawing and Painting	
	Visual Arts: Sketchbook Crossroads	
	Visual Arts: Portfolio Pathways	
	29 - Photography	Level 1 Photography Manual: Focus on Photography
		Level 2 Photography Manual: Controlling the Image
		Level 3 Photography Manual: Mastering Photography

Healthy Lifestyle Education	30 - Food & Nutrition	Baking Level 1: Beginning Baking (paper or web)
		Baking Level 2: Quick Breads and Cookies (paper or web)
		Baking Level 3: Yeast Breads (paper or web)
		Baking Level 4: Cakes, Pies and Pastries (paper or web)
		Cooking 101
		Cooking 201
		Cooking 301
	Cooking 401	
	Expl. Food Science Unit 1: The Secrets of Baking	
	Expl. Food Science Unit 2: The Power of Protein Chemistry	
	Expl. Food Science Unit 3: The Inner Mysteries of Fruits and Veggies	
	Expl. Food Science Unit 4: Be a Food Scientist	
	Food Preservation	Food Preservation (paper or web)
	31 - Health	Level 1 Health Project Manual: First Aid in Action
		Level 2 Health Project Manual: Staying Healthy
		Level 3 Health Project Manual: Keeping Fit

(continued on next page)

Family and Consumer Science	Child Development	
	32 - Home Environment	Design Decisions (grades 6-12) Design My Place DVD (Grades 3-5)
	Money Management	
	33 – Consumer Management	My Financial Future: Beginner Notebook My Financial Future: Advanced Notebook
	34 - Fiber Arts	How to Crochet How to Embroider How to Knit Latch Hooking Macrame (paper or web) How to Needlepoint Quilting the Best Better You Can Quilt
35 - Clothing and Textiles	Pillow, Totes, and More Sew Fun STEAM Clothing: Beyond the Needle Shopping in Style CD	

CLOVERBUD <i>(All resources are web-based unless otherwise noted.)</i>	<p>I'm a Cloverbud – Members Book Cloverbud Leader Guide Cloverbud Parent Brochure Caring for a Pet Green and Growing Where in the World? Exploring With Electricity Way Cool Science Friends and Me Setting the Table Rooted in Community Cultural Kaleidoscope: American Indians Nature Explorers Insect Investigations Printing with Nature Cloverbud Button (\$ 0.50 available for purchase only. NOT web-based.)</p>
--	--