

PROJECT	CAT./DIV.	GRADE	MANUAL	LOCATION TO ACCESS/BUY MANUAL
Achievement Book	Junior	3, 4, 5, 6, 7, 8	Boone County Junior Achievement Book Manual	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/achievement-book.html
	Senior	9, 10, 11, 12	Boone County Senior Achievement Book Manual	
Aerospace Model Rocketry	Beginner	3,4,5	4-H BU 6843 Lift Off	Shop 4-H Manuals are provided at the Boone County Purdue Extension Office https://shop4-h.org/products/aerospace-adventures-curriculum-2-lift-off?_pos=2&_sid=49268c6ab&_ss=r https://shop4-h.org/products/aerospace-adventures-curriculum-3-reaching-new-heights?_pos=5&_sid=49268c6ab&_ss=r https://shop4-h.org/products/aerospace-adventures-curriculum-4-pilot-in-command?_pos=6&_sid=49268c6ab&_ss=r
	Intermediate	6,7,8	4-H BU 6844 Reaching New Heights	
	Advanced	9,10,11,12	4-H BU 6845 Pilot in Command	
Aquatic Science		ALL grades	4-H 447	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/aquaticscience.html
Arts & Crafts - Ceramics, Construction & Architectural Replica, Fine Arts, Miscellaneous Crafts, Gift Wrapping, llama & alpaca craft, Needle Craft and Wearable arts	Beginner	3, 4, 5	No Manual	No Manual
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Arts & Crafts – Leathercraft	Beginner	3, 4, 5	Leather Craft Book-Tandy	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/leathercraft.html
	Intermediate	6, 7, 8	Leather Craft Leader Guide	
	Advanced	9, 10, 11, 12		
Beef	Beginner	3, 4, 5	OSU Beef Resource Handbook (117R) <i>Note: Same book as Feeder Calf</i>	Ohio State University https://extensionpubs.osu.edu/beef-resource-handbook/
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Bicycle	Beginner	3, 4, 5	BU8334 Bicycling for Fun	Shop 4-H https://shop4-h.org/products/bicycle-curriculum-1-bicycling-for-fun?_pos=3&_sid=910cef4fc&_ss=r https://shop4-h.org/products/bicycle-curriculum-2-wheels-in-motion?_pos=4&_sid=910cef4fc&_ss=r
	Intermediate	6, 7, 8	BU8335 Wheels in Motion	
	Advanced	9, 10, 11, 12		
Riding Skills	Junior	3, 4, 5, 6, 7		No Manual
	Senior	8, 9, 10, 11, 12		
Cake Decorating	Beginner	3, 4, 5	No Manual	No Manual
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Cat	Beginner	3, 4, 5	4-H Cat Project Unit 1 Manual	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/cat.html
	Intermediate	6, 7, 8	4-H Cat Project Unit 2 Manual	
	Advanced	9, 10, 11, 12	4-H Cat Project Unit 3 Manual	
Child Development	Introductory	3, 4	4-H 973 Building a Bright Beginning	Shop 4-H Manuals are provided at the Boone County Purdue Extension Office https://shop4-h.org/products/child-development-level-a-building-a-bright-beginning?_pos=3&_psq=child-deve&_ss=e&_v=1.0 https://shop4-h.org/products/child-development-level-b-building-blocks-of-learning https://shop4-h.org/products/child-development-level-c-building-a-strong-foundation-1?_pos=4&_sid=836c1ed28&_ss=r https://shop4-h.org/products/child-development-level-d-building-relationships-toward-a-brighter-tomorrow
	Beginner	5, 6	4-H 974 Building Blocks of Learning	
	Intermediate	7, 8, 9	4-H 975 Building a Strong Foundation	
	Advanced	10, 11, 12	4-H 976 Building Relationships Toward a Brighter Tomorrow	
Clowning	Division 1	3, 4, 5	No Manual	No Manual
	Division 2	6, 7, 8		
	Division 3	9, 10, 11, 12		
Communications	Beginner	3, 4, 5	01508F Module 1	Shop 4-H https://shop4-h.org/products/communications-curriculum-module-1?_pos=2&_sid=f8a4832cb&_ss=r https://shop4-h.org/products/communications-curriculum-module-2?_pos=4&_sid=f8a4832cb&_ss=r https://shop4-h.org/products/communications-curriculum-module-3?_pos=3&_sid=f8a4832cb&_ss=r
	Intermediate	6, 7, 8	01509F Module 2	
	Advanced	9, 10, 11, 12	01510F Module 3	
			CATS 6004 Public Speaker's Handbook	Boone County-Purdue Extension Website

			Comm 06 Parent's Guide	https://extension.purdue.edu/county/boone/4-H-Youth-Development/communications.html
Computer Science	Level 1	3, 4, 5	No Manual	No Manual
	Level 2	6, 7, 8		
	Level 3	9, 10, 11, 12		
Consumer Clothing	Beginner	3, 4, 5	4-H 730 Consumer Clothing Beginner Level	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/consumerclimbing.html
	Intermediate	6, 7, 8	4-H 731 Consumer Clothing Intermediate Level	
	Advanced	9, 10, 11, 12	4-H 732 Consumer Clothing Advanced Level	
Critic Companion	Beginner	3, 4, 5	OSU Pocket Pets Resource Handbook (220 R)	Ohio State University https://extensionpubs.osu.edu/pocket-pets-resource-handbook/?searchid=0&search_query=pocket+pets
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Crops	Beginner	3, 4, 5	No Manual	No Manual
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Dairy	Beginner	3, 4, 5	OSU Dairy Resource Handbook (127R)	Ohio State University https://extensionpubs.osu.edu/dairy-resource-handbook/?searchid=0&search_query=dairy
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Dog Obedience	Beginner	3, 4, 5	OSU Dog Resource Handbook (201R)	Ohio State University https://extensionpubs.osu.edu/dog-resource-handbook/?searchid=0&search_query=dog
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Electric	Level 1 (first yr in project)	Based on years in project	BU-6848 Magic of Electricity	Shop 4-H https://shop4-h.org/products/electric-excitement-curriculum-1-magic-of-electricity?_pos=1&_sid=2e2b5b1d9&_ss=r
	Level 2 (second year in project)		BU-6849 Investigating Electricity	
	Level 3 (third year in project)		BU-6850 Wired for Power	
	Level 4 (fourth year in project)		BU-6851 Entering Electronics	
	Level 5 (fifth year and more in project)		BU-6851 Entering Electronics	
Entomology	Beginner	3, 4, 5	BU-8440 Level 1	Shop 4-H https://shop4-h.org/products/entomology-curriculum-1-teaming-with-insects?_pos=2&_sid=288497f6c&_ss=r
	Intermediate	6, 7, 8	BU-8441 Level 2	
	Advanced	9, 10, 11, 12	BU-8442 Level 3	
Fashion Revue	Junior	3, 4, 5, 6, 7	No Manual	No Manual
	Senior	8, 9, 10, 11, 12		
Feeder Calf	Beginner	3, 4, 5	OSU Beef Resource Handbook, 117R <i>Note: Same book as Beef</i>	Ohio State University https://extensionpubs.osu.edu/beef-resource-handbook/
	Intermediate	6, 7, 8		
	Advanced	9, 10, 11, 12		
Floriculture	Level A	3, 4	4-H 966 Level A	Shop 4-H https://shop4-h.org/products/floriculture-a?_pos=1&_sid=32e84d733&_ss=r
	Level B	5, 6	4-H 967 Level B	
	Level C	7, 8, 9	4-H 968 Level C	
	Level D	10, 11, 12	4-H 969 Level D	
Food Preparation	Beginner	3, 4, 5	4-H Cooking 101	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/foodprep.html
	Intermediate	6, 7, 8	4-H Cooking 201	
	Advanced	9, 10, 11, 12	4-H Cooking 301 and 401	
Foods	Level A	3, 4	4-H-1032 Fantastic Foods	Shop 4-H https://shop4-h.org/products/level-a-fantastic-foods?_pos=1&_sid=ad07da078&_ss=r
	Level B	5, 6	4-H-1033 Tasty Tidbits	
	Level C	7, 8, 9	4-H-1034 You're the Chef	

	Level D	10, 11, 12	4-H-1035 Foodworks	https://shop4-h.org/products/level-d-foodworks?_pos=14&_sid=ad07da078&_ss=r
Forestry	Beginner	3, 4, 5	BU-8038 Follow the Path	Shop 4-H Manuals are provided at the Boone County Purdue Extension Office https://shop4-h.org/products/forestry-curriculum-1-follow-the-path?_pos=1&_psq=follow-the&_ss=c&_v=1.0
	Intermediate	6, 7, 8	BU-8039 Reach for the Canopy	https://shop4-h.org/products/forestry-curriculum-2-reach-for-the-canopy?_pos=4&_sid=def39a421&_ss=r
	Advanced	9, 10, 11, 12	BU-8040 Explore the Deep Woods	https://shop4-h.org/products/forestry-curriculum-3-explore-the-deep-woods?_pos=3&_sid=def39a421&_ss=r
			4-H 641B Fifty Trees of Indiana	Boone County-Purdue Extension Office
Garden	Level A	3, 4	4-H 1037 See Them Sprout	Shop 4-H https://shop4-h.org/products/gardening-curriculum-a-see-them-sprout?_pos=4&_sid=a94fb6e44&_ss=r
	Level B	5, 6	4-H 1038 Let's Get Growing	https://shop4-h.org/products/gardening-curriculum-b-lets-get-growing?_pos=3&_sid=a94fb6e44&_ss=r
	Level C	7, 8, 9	4-H 1039 Take Your Pick	https://shop4-h.org/products/gardening-curriculum-c-take-your-pick?_pos=6&_sid=a94fb6e44&_ss=r
	Level D	10, 11, 12	4-H 1040 Growing Profits	https://shop4-h.org/products/gardening-curriculum-d-growing-profits?_pos=5&_sid=a94fb6e44&_ss=r
Genealogy		1 st Year in Project	4-H 748 Tracing My Family Tree	Shop 4-H https://shop4-h.org/products/genealogy-tracing-my-family-tree?_pos=1&_sid=564396c47&_ss=r
Geology	Beginner	3, 4, 5	4-H 985 Level 1	Shop 4-H Manuals are provided at the Boone County Purdue Extension Office https://shop4-h.org/products/4-h-geology-level-1?_pos=1&_sid=1b7aa1477&_ss=r
	Intermediate	6, 7, 8	4-H 986 Level 2	https://shop4-h.org/products/4-h-geology-level-2?_pos=2&_sid=1b7aa1477&_ss=r
	Advanced	9, 10, 11, 12	4-H 987 Level 3	https://shop4-h.org/products/4-h-geology-level-3?_pos=3&_sid=1b7aa1477&_ss=r
Goat – Dairy	Beginner	3, 4, 5		Ohio State University https://extensionpubs.osu.edu/goat-resource-handbook/
	Intermediate	6, 7, 8	OSU Goat Resource Handbook (135R) <i>Note: Same book as Goat-Dairy & Meat</i>	
	Advanced	9, 10, 11, 12		
Goat – Meat	Beginner	3, 4, 5		Ohio State University https://extensionpubs.osu.edu/goat-resource-handbook/
	Intermediate	6, 7, 8	OSU Goat Resource Handbook (135R) <i>Note: Same book as Goat-Dairy & Meat</i>	
	Advanced	9, 10, 11, 12		
Goat –Utility	Beginner	3, 4, 5		Ohio State University https://extensionpubs.osu.edu/goat-resource-handbook/
	Intermediate	6, 7, 8	OSU Goat Resource Handbook (135R) <i>Note: Same book as Goat-Dairy & Meat</i>	
	Advanced	9, 10, 11, 12		
Health				Shop 4-H Manuals are provided at the Boone County Purdue Extension Office
	Beginner	3, 4, 5	BU-8174 First Aid in Action	https://shop4-h.org/products/keeping-fit-and-healthy-curriculum-first-aid-in-action?_pos=1&_psq=first-aid-in-ac&_ss=c&_v=1.0
	Intermediate	6, 7, 8	BU-8175 Staying Healthy	https://shop4-h.org/products/keeping-fit-healthy-staying-healthy-digital-download?_pos=1&_sid=a7a3f0a46&_ss=r
	Advanced	9, 10, 11, 12	BU-8176 Keeping Fit	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/health.html
Home Environment	Beginner	3, 4, 5	4-H 1011 Home Environment: Color, Texture, Line and Shape	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/home-environment.html
	Intermediate	6, 7, 8	4-H 1012 Home Environment: Design Decisions	
	Advanced	9, 10, 11, 12		UNL University https://marketplace.unl.edu/extension/design-decisions.html?_ga=2.79376087.230310063.1755789868-987951032.1755789542
Horse & Pony	Beginner	3, 4, 5		Ohio State University https://extensionpubs.osu.edu/beginning-horse-management/?searchid=0&search_query=horse
	Intermediate	6, 7, 8	OSU Horse Resource Manual (174R) <i>Note: Same book as Horseman without Horses</i>	
	Advanced	9, 10, 11, 12		
Horsemen Without Horses	Beginner	3, 4, 5		Ohio State University https://extensionpubs.osu.edu/beginning-horse-management/?searchid=0&search_query=horse
	Intermediate	6, 7, 8	OSU Horse Resource Manual (174R) <i>Note: Same book as H&P</i>	
	Advanced	9, 10, 11, 12		
Junior Leaders		7, 8, 9, 10, 11, 12	No Manual	No Manual
	Beginner	3, 4, 5	4-H 996 Book 1	Shop 4-H https://shop4-h.org/products/indiana-4-h-lamas-llamas-alpacas-book-1?_pos=2&_sid=15241d4bf&_ss=r

Llama/Alpaca	Intermediate	6, 7, 8	4-H 997 Book 2	https://shop4-h.org/products/indiana-4-h-lamas-llamas-alpacas-book-2?_pos=5&_sid=15241d4b1&_ss=r
	Advanced	9, 10, 11, 12	4-H 998 Book 3	https://shop4-h.org/products/indiana-4-h-lamas-llamas-alpacas-book-3?_pos=4&_sid=15241d4b1&_ss=r
Our Environment	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	No Manual	No Manual
	Advanced	9, 10, 11, 12		
Outdoor Chef	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	No Manual	No Manual
	Advanced	9, 10, 11, 12		
Photography	Beginner	3, 4, 5	01902Y Photography Basics	Shop 4-H https://shop4-h.org/products/copy-of-2019-photography-curriculum-level-1-photography-basics?_pos=1&_sid=da67ff49e&_ss=r
	Intermediate	6, 7, 8	01903Y Next Level Photography	https://shop4-h.org/products/copy-of-2019-photography-curriculum-level-2-next-level-photography?_pos=4&_sid=da67ff49e&_ss=r
	Advanced	9, 10, 11, 12	01904Y Mastering Photography	https://shop4-h.org/products/copy-of-2019-photography-curriculum-level-3-mastering-photography?_pos=2&_sid=da67ff49e&_ss=r
Poultry	Beginner	3, 4, 5	BU-6363 Scratching the Surface	Shop 4-H https://shop4-h.org/products/poultry-curriculum-1-scratching-the-surface?_pos=5&_sid=9ce63f3eb&_ss=r
	Intermediate	6, 7, 8	BU-6364 Testing your Wings	https://shop4-h.org/products/poultry-curriculum-2-testing-your-wings?_pos=6&_sid=9ce63f3eb&_ss=r
	Advanced	9, 10, 11, 12	BU-6365 Flocking Together	https://shop4-h.org/products/poultry-curriculum-3-flocking-together?_pos=4&_sid=9ce63f3eb&_ss=r
Rabbit	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	OSU Rabbit Resource Handbook (288 R)	Ohio State University https://extensionpubs.osu.edu/rabbit-resource-handbook/?searchid=0&search_query=rabbit
	Advanced	9, 10, 11, 12		
Robotics	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	No Manual	No Manual
	Advanced	9, 10, 11, 12		
Scrapbook	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	No Manual	No Manual
	Advanced	9, 10, 11, 12		
Self-Determined	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	No Manual	No Manual
	Advanced	9, 10, 11, 12		
Sewing	Level A	3, 4	4-H 925 Sew Simple	Shop 4-H https://shop4-h.org/products/sew-much-fun-level-a-sew-simple?_pos=6&_sid=0405d7826&_ss=r
	Level B	5, 6	4-H 926 Sew Smart	https://shop4-h.org/products/sew-much-fun-level-b-sew-smart?_pos=7&_sid=0405d7826&_ss=r
	Level C	7, 8, 9	4-H 927 Sew Fine	https://shop4-h.org/products/sew-much-fun-level-c-sew-fine?_pos=13&_sid=0405d7826&_ss=r
	Level D	10, 11, 12	4-H 928 And Sew On	https://shop4-h.org/products/sew-much-fun-level-d-and-sew-on?_pos=12&_sid=0405d7826&_ss=r
Sheep	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	Sheep Resource Handbook (194R)	Ohio State University https://extensionpubs.osu.edu/sheep-resource-handbook-for-market-and-breeding-projects/?searchid=0&search_query=sheep
	Advanced	9, 10, 11, 12		
Shooting Sports	Beginner	3, 4, 5	4-H 950 Shooting Sports Education Project	Shop 4-H Provided by project leaders
	Intermediate	6, 7, 8		https://shop4-h.org/products/4-h-shooting-sports-education-project?_pos=8&_sid=6a0127d38&_ss=r
	Advanced	9, 10, 11, 12		
Small Engine	Level 1	3, 4, 5	BU 8186 Crank It Up	Shop 4-H https://shop4-h.org/products/small-engines-curriculum-1-crank-it-up?_pos=1&_sid=b4effa0bf&_ss=r
	Level 2	6, 7, 8	BU 8187 Warm It Up	https://shop4-h.org/products/small-engines-curriculum-2-warm-it-up?_pos=4&_sid=4e40c164f&_ss=r
	Level 3	9, 10, 11, 12	BU 8188 Tune It Up	https://shop4-h.org/products/small-engines-curriculum-3-tune-it-up?_pos=3&_sid=4e40c164f&_ss=r

			Briggs & Stratton Single Cylinder "L" Head (Built After 1981) Repair Manual	Boone County-Purdue Extension Office
Swine	Beginner	3, 4, 5		
	Intermediate	6, 7, 8	OSU Swine Resource Handbook (134R)	Ohio State University https://extensionpubs.osu.edu/swine-resource-handbook/?searchid=0&search_query=swine
	Advanced	9, 10, 11, 12		
Tractor Operating Skills	Junior			Shop 4-H Manuals are provided at the Boone County Purdue Extension Office
	Grade	3, 4,	4-H 961 Getting to Know Your Tractor	https://shop4-h.org/products/copy-of-tractor-level-a-starting-up-getting-to-know-your-tractor-1?_pos=1&_sid=fc3c5e5b&_ss=r
	Grade	5, 6, 7	4-H 962 Gearing Up for Safety	https://shop4-h.org/products/tractor-op-gearing-up-for-safety-level-b?_pos=5&_sid=fc3c5e5b&_ss=r
	Senior Grade	8, 9	4-H 963 Learning About Your Tractor and Farm Machinery	https://shop4-h.org/products/moving-out-learning-about-your-tractor-level-c?_pos=6&_sid=fc3c5e5b&_ss=r
	Grade	10, 11, 12	4-H 964 Learning About Agricultural Tractors & Equipment	https://shop4-h.org/products/learning-more-about-ag-equipment-level-d?_pos=3&_sid=fc3c5e5b&_ss=r
Veterinary Science				Shop 4-H Manuals are provided at the Boone County Purdue Extension Office
	Beginner	3, 4, 5	BU 8048 From Airedales to Zebras	https://shop4-h.org/products/veterinary-science-curriculum-1-from-airedales-to-zebras?_pos=9&_sid=e167a7849&_ss=r
	Intermediate	6, 7, 8	BU 8049 All Systems Go!	https://shop4-h.org/products/veterinary-science-curriculum-2-all-systems-go?_pos=8&_sid=e167a7849&_ss=r
	Advanced	9, 10, 11, 12	BU 8050 On the Cutting Edge	https://shop4-h.org/products/veterinary-science-curriculum-3-on-the-cutting-edge?_pos=7&_sid=e167a7849&_ss=r
Weather and Climate Science	Level 1	3, 4, 5	4-H 1023 Weather & Climate Science Level 1	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/weatherandclimate.html
	Level 2	6, 7, 8	4-H 1024 Weather & Climate Science Level 2	
	Level 3	9, 10, 11, 12	4-H 1025 Weather & Climate Science Level 3	
Wildlife	Beginner	3, 4, 5	4-H 1044 Wildlife Science 1	Boone County-Purdue Extension Website https://extension.purdue.edu/county/boone/4-H-Youth-Development/wildlife.html
	Intermediate	6, 7, 8	4-H 1046 Wildlife Science 2	
	Advanced	9, 10, 11, 12	4-H 1048 Wildlife Science 3	
Woodworking	Level 1	3, 4	BU 6875 Measuring Up	Shop 4-H https://shop4-h.org/products/woodworking-wonders-curriculum-1-measuring-up?_pos=1&_sid=33ec1b85b&_ss=r
	Level 2	5, 6	BU 6876 Making the Cut	https://shop4-h.org/products/woodworking-wonders-curriculum-2-making-the-cut?_pos=4&_sid=33ec1b85b&_ss=r
	Level 3	7, 8, 9	BU 6877 Nailing it Together	https://shop4-h.org/products/woodworking-curriculum-3-nailing-it-together?_pos=3&_sid=33ec1b85b&_ss=r
	Level 4	10, 11, 12	BU 6878 Finishing Up	https://shop4-h.org/products/woodworking-wonders-curriculum-4-finishing-up?_pos=2&_sid=33ec1b85b&_ss=r