

**2015-2016
BENEWAH COUNTY
PROJECT ADDENDUM TO
THE REQUIREMENT
HANDBOOK**



18 USC 707

Table of Contents

Contents

LEATHERCRAFT	2
FRUGAL FASHION	9
SCRAPBOOKING OR CARDMAKING	10
CERAMICS	14
LOTIONS AND POTIONS	19
SURVIVAL	20
CAKE DECORATING	21
CANDY MAKING	33
COOKING 101.....	37
LEADERSHIP*	38
MARKET TURKEY*	39
BREEDING GOAT	40
VETERINARY SCIENCE	41
ROBOTICS	42
WELDING	43

Communication and Expressive Arts

LEATHERCRAFT BENEWAH COUNTY 4-H PROGRAM PROJECT JUST STAMPING, UNIT 1	
Youth Materials:	<ul style="list-style-type: none"> • <i>ABC's of Leathercraft (#23103)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn how to prepare leather for tooling (casing). • Learn how to hold a tool and strike with a mallet. • Learn how to use stamping tools to make a design. • Learn to apply different types of protective finishes. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Optional:</p> <ul style="list-style-type: none"> • Learn to use stamps such as the alphabet, 3-D, etc. • Learn to use a swivel knife. • Learn how to antique, color or dye leather. • Learn how to slick edges. • Do basic edge lacing such as the whipstitch, running stitch, or hand stitching. • Learn how to set rivets. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • One article you made, which shows the skills expected for this unit. Articles may be chosen from the suggested articles list in each unit, or articles may be substituted with the approval of your leader. <p><i>Note:</i> Precut kits may be used as long as the expected learning experience for that level can be performed.</p> <p><i>Note:</i> Exhibits must utilize only skills, tools, and techniques taught in the project book or previous levels.</p>
Additional Information:	<p>Suggested Articles:</p> <p>Key Fob, Coaster Set, Wrist Band, Book Mark, Luggage Tag, Barrette, Buckle Cover, Pre-cut Leather Shapes, Jewelry (pendants, bolos), Small Coin Purse Small Purse, Key Case, Knife Pouch or Sheath, Mini Flashlight Case.</p>

Communication and Expressive Arts

LEATHERCRAFT (CONT'D)

BENEWAH COUNTY 4-H PROGRAM PROJECT

BASIC TOOLS TRADITIONAL LEATHERCRAFT, UNIT 2

Youth Materials:	<ul style="list-style-type: none"> • <i>Leathercrafting (#23104)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn how to prepare leather for tooling (casing). • Learn how to use the 6 basic tools: beveler, veiner, pear shader, camouflage, backgrounder, and seeder. • Learn how to hold and make cuts with a swivel knife. • Learn how to transfer a design to leather. • Learn how to carve a traditional floral, leaf and scroll design that uses the swivel knife and the 6 basic tools. • Learn how to slick edges and apply a protective finish to leather. • Complete a piece of tooled practice leather using the required pattern for this unit. Edges are to be slicked and a protective finish applied. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Optional:</p> <ul style="list-style-type: none"> • Learn how to set rivets or snaps. • Learn how to antique, color or dye leather. • Learn lacing skills such as whipstitch, running stitch or handstitching. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> <p><i>Plus</i></p> <ul style="list-style-type: none"> • Your tooled practice leather with the required pattern for this unit. • One article you made, which shows the skills expected for your unit. The article exhibited must have used all 6 basic tools and the swivel knife in its design. Articles may be chosen from the suggested articles list in each unit, or articles may be substituted with the approval of your leader. <p><i>Note:</i> Precut kits may be used as long as the expected learning experience for that level can be performed.</p> <p><i>Note:</i> Exhibits must utilize only skills, tools, and techniques taught in the project book or previous levels.</p>
Additional Information:	<p>Suggested Articles:</p> <p>Coaster set, Book mark, Luggage tag, Barrette, Buckle Cover, Pre-cut leather shapes, Small coin purse, Small purse, Key Case, Knife pouch or sheath, Flashlight case, Magic billfold, Belt bag, Rifle sling, Book cover, Spur straps</p>

Communication and Expressive Arts

LEATHERCRAFT (CONT'D)

BENEWAH COUNTY 4-H PROGRAM PROJECT

WALLETS, PURSES AND MORE, UNIT 3

Youth Materials:	<ul style="list-style-type: none"> • <i>Leathercrafting (#23104)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Complete Unit 2. • Use skills from Unit 2 to complete an article that requires assembly. • Learn how to antique, color or dye leather before applying a protective finish. • Learn basic assembly skills. • Learn how to do edge lacing, such as, whipstitch, running stitch, double loop stitch with splicing, or hand stitching. • Complete a piece of tooled practice leather using the required pattern for this unit. Edges are to be slicked and a protective finish applied. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Optional:</p> <ul style="list-style-type: none"> • Learn how to set rivets or snaps. • Learn how to punch holes for lacing or stitching. • Learn how to background dye. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Your tooled practice leather with the required pattern for this unit. • One article you made, which shows the skills expected for your unit. Articles may be chosen from the suggested articles list in each unit, or articles may be substituted with the approval of your leader. <p><i>Note:</i> Precut kits may be used as long as the expected learning experience for that level can be performed.</p> <p><i>Note:</i> Exhibits must utilize only skills, tools, and techniques taught in the project book or previous levels.</p>
Additional Information:	<p>Suggested Articles:</p> <p>Wallet, Billfold, Clutch Purse, Checkbook Cover, Pocket Secretary, Day Planner, Notebook, Portfolio, Diary/Address Book, CD Case.</p>

Communication and Expressive Arts

LEATHERCRAFT (CONT'D) BENEWAH COUNTY 4-H PROGRAM PROJECT GEOMETRIC STAMPING FOR BELTS AND MORE, UNIT 4	
Youth Materials:	<ul style="list-style-type: none"> • <i>Leathercrafting (#23104)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Complete Unit 2. • Learn how to do geometric stamping – square geometrics or basketweave. • Learn how to antique, color or dye leather before applying a protective finish. • Complete a piece of tooled practice leather using the required pattern for this unit. Edges are to be slicked and a protective finish applied. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Optional:</p> <ul style="list-style-type: none"> • Learn how to use alphabet stamps. • Learn how to use an end punch and hole punches. • Learn how to bevel edges. • Learn how to punch holes for lacing or stitching. • Learn how to do edge lacing, such as, whipstitch, running stitch, double loop stitch with splicing, buckstitch, or hand stitching. • Learn how to set rivets or snaps. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) <p><i>Plus</i></p> <ul style="list-style-type: none"> • Your tooled practice leather with the required pattern for this unit. • One article you made, which shows the skills expected for your unit. Articles may be chosen from the suggested articles list in each unit, or articles may be substituted with the approval of your leader. <p><i>Note:</i> Precut kits may be used as long as the expected learning experience for that level can be performed.</p> <p><i>Note:</i> Exhibits must utilize only skills, tools, and techniques taught in the project book or previous levels.</p>
Additional Information:	<p>Suggested Articles:</p> <p>Belt, Dog Collar, Watchband, Spur Straps, Cell Phone Case, Can Cooler, Tool Case Knife Sheath, Rifle Sling, Guitar Strap, Book Cover, Wallet/Billfold, Clutch Purse Checkbook Cover, CD Case, Day Planner/Address Book</p>

Communication and Expressive Arts

LEATHERCRAFT (CONT'D) BENEWAH COUNTY 4-H PROGRAM PROJECT TOOLED FLORAL CORNER WITH GEOMETRIC, UNIT 5	
Youth Materials:	<ul style="list-style-type: none"> • <i>ABC's of Leathercraft (#23103)</i> • <i>Leathercrafting (#23104)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Complete Units 3 and 4 • Combine traditional floral tooling with geometric stamping in a design. • Learn about the different protective finishes and when they are used. • Complete a piece of tooled practice leather using the required pattern for this unit. Edges are to be slicked and a protective finish applied. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Optional:</p> <ul style="list-style-type: none"> • Draw your own design or adapt a design to fit on your project. • Learn how to set rivets or snaps. • Learn how to punch holes for lacing or stitching. • Learn to machine stitch. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) <p><i>Plus</i></p> <ul style="list-style-type: none"> • Your tooled practice leather with the required pattern for this unit. • <u>One</u> article you made which shows the skills expected for this unit. This article must combine both traditional floral tooling with geometric stamping in the design. Article may be chosen from the suggested articles list, or similar articles may be substituted with the approval of your leader. <p><i>Note:</i> Precut kits may be used as long as the expected learning experience for that level can be performed.</p> <p><i>Note:</i> Exhibits must utilize only skills, tools, and techniques taught in the project book or previous levels.</p>
Additional Information:	<p>Suggested Articles:</p> <p>Wallet/Billfolds, Clutch purses, Checkbook Cover, Day Planner, Notebook/Portfolio Diary/Address Book, Handbag, CD case</p>

Communication and Expressive Arts

LEATHERCRAFT (CONT'D) BENEWAH COUNTY 4-H PROGRAM PROJECT ADVANCED SKILLS, UNIT 6	
Youth Materials:	<ul style="list-style-type: none"> • <i>Leathercrafting (#23104)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Complete Unit 5. • Learn about the different types of leather and tannages and what each is used for. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Options for subsequent years:</p> <ul style="list-style-type: none"> • Collect tooling leather samples from different tanners and compare their tooling qualities. • Visit a local leather manufacturing business (saddle maker, custom boots, leather clothing, etc.). <p>Do one of the advanced tooling techniques:</p> <ul style="list-style-type: none"> • Sheridan style carving, Figure/pictorial carving, Silhouette, Inverted or Filigree <p>Include one or more of the following skills in your exhibit article:</p> <ul style="list-style-type: none"> • Draw your own design or adapt a design to fit on your project • Background dye • Antique with or without the use of resists • Color with dry brush shading • Assemble a filigreed article with a colored background • Set rivets, snaps, eyelets, grommets, or clasps • Bevel edges • Use punches- end, hole, oblong, or chisel • Hand or machine stitch • Lacing, such as, buckstitch, single, double or triple loop, or round braid/Mexican basket weave. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> plus • <u>One</u> article you made which shows the skills expected for this unit. Article may be chosen from the suggested articles list, or similar articles may be substituted with the approval of your leader. <p><i>Note: Exhibits must utilize only skills, tools, and techniques taught in that project book or previous levels.</i></p> <p><i>Note: Precut kits may be used as long as the expected learning experience for that unit can be performed. If not using a precut kit, cutting out leather with a round knife should only be done by an experienced adult.</i></p>

Communication and Expressive Arts

LEATHERCRAFT (CONT'D)

BENEWAH COUNTY 4-H PROGRAM PROJECT

ADVANCED SKILLS, UNIT 6

Additional Information:	Suggested Articles: Framed figure carving, Picture Frame, Leather-faced clock, Belt, Guitar strap, Rifle sling Knife sheath, Wallet/Billfolds, Clutch purses, Checkbook Cover, Day Planner, Notebook/Portfolio, Diary/Address Book, Handbag, CD case, Placemat
Optional Supporting Materials:	<ul style="list-style-type: none">• www.tandyleather.com• www.hidecrafter.com <p>Many books and videos as well as tools and kits are available from these sources:</p> <p>(Available for purchase from a Leathercraft supplier)</p> <ul style="list-style-type: none">• <i>Figure Carving, by Al Stohlman</i>• <i>How to Carve Leather, by Al Stohlman</i>• <i>Lacing and Stitching for Leathercrafters</i>• <i>How to Buckstitch, by Al Stohlman</i> <p>Leathercraft Videos:</p> <ul style="list-style-type: none">• <i>Basic Leathercraft</i>• <i>Leather Carving and Figure Carving</i>• <i>Leather Stamping for Fun and Profit</i>• <i>Coloring and Finishing</i> <p>Possible Instructor's Manuals:</p> <ul style="list-style-type: none">• <i>Leatherwork Manual</i>• <i>Adventures in Leather Instructor's Manual</i>

Family and Consumer Science

FRUGAL FASHION

Youth Materials:	<ul style="list-style-type: none"> • <i>Frugal Fashion (4-H 425 Ohio State University)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>Frugal Fashion (4-H 425 Ohio State University)</i>
Requirements:	<ul style="list-style-type: none"> • For Ages 15-18 years of age. <ul style="list-style-type: none"> ○ Explore the secondhand resale clothing market ○ Learn about the possibilities of sale merchandise ○ Learn to examine clothing for quality. ○ Identify your wardrobe needs. ○ Put together a Total Look outfit as inexpensively as you can. • Complete the “Planning Your Project” section. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>4-H Involvement Report (#91910)</i> • <i>Frugal Fashion 4-H 425 Ohio State University</i> • A Total Look Outfit (Two accessory items and one minor garment in the outfit can (but do not have to be) from existing wardrobe items. Shoes will not count as an accessory item, but will be considered in the Total Look evaluation. <p>Note: Youth are allowed to make minor alterations to purchased clothes, such as shortening the hem, or changing buttons to update the look.</p>

Communication and Expressive Arts

SCRAPBOOKING OR CARDMAKING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 1

Youth Materials:	<ul style="list-style-type: none"> • <i>Pieces of Time (Y3150)</i> • <i>Elements & Principles Design card (#23112)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>A Palette of Fun with Arts and Crafts (#BU-07597)</i> • <i>Scrapbooking and Card Making Option- Focus Area Skills Checklist (#23123)</i>
Requirements:	<ul style="list-style-type: none"> • Understand and appreciate preserving family memories. • Learn more about yourself and develop writing and language skills through journaling. • Develop observation and sensory skills through scrapbook media. • Demonstrate an increased ability to manipulate and understand possibilities of various scrapbooking media through the exploration of a variety of materials (photos, newspaper clippings, paper, fabric, etc.) • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Pieces of Time (Y3150) <p>Level One Ten scrapbook pages or greeting cards showing the following elements/principles of design and techniques.</p> <ul style="list-style-type: none"> • Formal and informal balance • Color combinations • Cropping and matting • Basic captioning • Embellishments <p>Note: List the elements/ principles and techniques used in the creation of each scrapbook page or greeting card exhibited. Include a chart at the front of the exhibit or attach a removable label to each page/card with this information.</p>
Optional Supporting Material:	<ul style="list-style-type: none"> • <i>Sketchbook Crossroads (#23113)</i> • <i>Portfolio Pathways (#23114)</i> • <i>Scrapbooking A 4-H Guide to Preserving Memories (4-H 497 Ohio State)</i> • <i>Creative Cardmaking - A Complete Guide</i> <p>From Caribou County <i>4-H Scrapbooking Book 1, Getting Started</i> <i>4-H Scrapbooking Book 2, Basically Scrapbooking</i> <i>4-H Scrapbooking Book 3, Templates</i></p> <p>From Cassia/Minidoka Counties <i>4-H Scrapbooking Project, Unit I & II</i> <i>4-H Scrapbooking Project, Unit III</i></p>

Communication and Expressive Arts

SCRAPBOOKING OR CARDMAKING (CONT'D)

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 2

Youth Materials:	<ul style="list-style-type: none"> • <i>Pieces of Time (Y3150)</i> • <i>Elements & Principles Design card (#23112)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>A Palette of Fun with Arts and Crafts (#BU-07597)</i> • <i>Scrapbooking and Card Making Option- Focus Area Skills Checklist (#23123)</i>
Requirements:	<ul style="list-style-type: none"> • Understand and appreciate preserving family memories. • Learn more about yourself and develop writing and language skills through journaling. • Develop observation and sensory skills through scrapbook media. • Demonstrate an increased ability to manipulate and understand possibilities of various scrapbooking media through the exploration of a variety of materials (photos, newspaper clippings, paper, fabric, etc.) • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Pieces of Time (Y3150) <p><u>Level Two</u> Ten scrapbook pages or greeting cards showing the following elements/principles of design and techniques.</p> <ul style="list-style-type: none"> • Patterned or textured paper or fabric as background • Creative lettering • Pocket page or card • Basic and descriptive captioning • Embellishments <p><i>Note:</i> List the elements/ principles and techniques used in the creation of each scrapbook page or greeting card exhibited. Include a chart at the front of the exhibit or attach a removable label to each page/card with this information.</p>
Optional Supporting Material:	<ul style="list-style-type: none"> • <i>Sketchbook Crossroads (#23113)</i> • <i>Portfolio Pathways (#23114)</i> • <i>Scrapbooking A 4-H Guide to Preserving Memories (4-H 497 Ohio State)</i> • <i>Creative Cardmaking - A Complete Guide</i> <p>From Caribou County <i>4-H Scrapbooking Book 1, Getting Started</i> <i>4-H Scrapbooking Book 2, Basically Scrapbooking</i> <i>4-H Scrapbooking Book 3, Templates</i></p> <p>From Cassia/Minidoka Counties <i>4-H Scrapbooking Project, Unit I & II</i> <i>4-H Scrapbooking Project, Unit III</i></p>

Communication and Expressive Arts

SCRAPBOOKING OR CARDMAKING (CONT'D)

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 3

Youth Materials:	<ul style="list-style-type: none"> • <i>Pieces of Time (Y3150)</i> • <i>Elements & Principles Design card (#23112)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>A Palette of Fun with Arts and Crafts (#BU-07597)</i> • <i>Scrapbooking and Card Making Option- Focus Area Skills Checklist (#23123)</i>
Requirements:	<ul style="list-style-type: none"> • Understand and appreciate preserving family memories. • Learn more about yourself and develop writing and language skills through journaling. • Develop observation and sensory skills through scrapbook media. • Demonstrate an increased ability to manipulate and understand possibilities of various scrapbooking media through the exploration of a variety of materials (photos, newspaper clippings, paper, fabric, etc.) • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Pieces of Time (Y3150) <p><u>Level Three</u> Ten scrapbook pages or greeting cards showing the following elements/principles of design and techniques.</p> <ul style="list-style-type: none"> • Puzzle or collage • Two-page layout • Embossing, sandpapering or chalk technique • Basic and descriptive captioning and journaling • Embellishments <p>Note: List the elements/ principles and techniques used in the creation of each scrapbook page or greeting card exhibited. Include a chart at the front of the exhibit or attach a removable label to each page/card with this information.</p>
Optional Supporting Material:	<ul style="list-style-type: none"> • <i>Sketchbook Crossroads (#23113)</i> • <i>Portfolio Pathways (#23114)</i> • <i>Scrapbooking A 4-H Guide to Preserving Memories (4-H 497 Ohio State)</i> • <i>Creative Cardmaking - A Complete Guide</i> <p>From Caribou County <i>4-H Scrapbooking Book 1, Getting Started</i> <i>4-H Scrapbooking Book 2, Basically Scrapbooking</i> <i>4-H Scrapbooking Book 3, Templates</i></p> <p>From Cassia/Minidoka Counties <i>4-H Scrapbooking Project, Unit I & II</i> <i>4-H Scrapbooking Project, Unit III</i></p>

Communication and Expressive Arts

SCRAPBOOKING OR CARDMAKING (CONT'D)

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 4

Youth Materials:	<ul style="list-style-type: none"> • <i>Pieces of Time (Y3150)</i> • <i>Elements & Principles Design card (#23112)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>A Palette of Fun with Arts and Crafts (#BU-07597)</i> • <i>Scrapbooking and Card Making Option- Focus Area Skills Checklist (#23123)</i>
Requirements:	<ul style="list-style-type: none"> • Understand and appreciate preserving family memories. • Learn more about yourself and develop writing and language skills through journaling. • Develop observation and sensory skills through scrapbook media. • Demonstrate an increased ability to manipulate and understand possibilities of various scrapbooking media through the exploration of a variety of materials (photos, newspaper clippings, paper, fabric, etc.) • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Pieces of Time (Y3150) <p><u>Level Four</u> Ten Scrapbook pages or greeting cards showing skills you learned or improved on in this level and the elements/principles of design and techniques you incorporated.</p> <p>Note: List the elements/ principles and techniques used in the creation of each scrapbook page or greeting card exhibited. Include a chart at the front of the exhibit or attach a removable label to each page/card with this information.</p>
Optional Supporting Material:	<ul style="list-style-type: none"> • <i>Sketchbook Crossroads (#23113)</i> • <i>Portfolio Pathways (#23114)</i> • <i>Scrapbooking A 4-H Guide to Preserving Memories (4-H 497 Ohio State)</i> • <i>Creative Cardmaking - A Complete Guide</i> <p>From Caribou County <i>4-H Scrapbooking Book 1, Getting Started</i> <i>4-H Scrapbooking Book 2, Basically Scrapbooking</i> <i>4-H Scrapbooking Book 3, Templates</i></p> <p>From Cassia/Minidoka Counties <i>4-H Scrapbooking Project, Unit I & II</i> <i>4-H Scrapbooking Project, Unit III</i></p>

Communication and Expressive Arts

CERAMICS BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 1	
Youth Materials:	<ul style="list-style-type: none"> • <i>Ceramics Manual / Workbook</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn about the basic tools and brushes. • Learn how to clean greenware. • Learn basic brush strokes. • Learn what a kiln is and how it works. • Select two items and finish them using a gloss glaze on bisque and an underglaze on greenware. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>Unit 1 Worksheets</i> • <i>4-H Involvement Report (#91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Ceramics Manual / Workbook <p>plus</p> <ul style="list-style-type: none"> • Two items completed. <p>Note: All pieces must start as greenware. Do not buy bisque items.</p> <p>Note: Exhibits must utilize only skills, tools, and techniques taught in that unit or previous levels.</p>

Communication and Expressive Arts

CERAMICS BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 2	
Youth Materials:	<ul style="list-style-type: none"> • <i>Ceramics Manual / Workbook</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn about lead-free glazes • Learn how to use stains. • Learn to paint realistic eyes. • Select two items; finish one stain piece with realistic eyes and one utility item using a lead-free glaze. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>Unit 2 Worksheets</i> • <i>4-H Involvement Report (#91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Ceramics Manual / Workbook <p>plus</p> <ul style="list-style-type: none"> • Two items completed. <p>Note: All pieces must start as greenware. Do not buy bisque items.</p> <p>Note: Exhibits must utilize only skills, tools, and techniques taught in that unit or previous levels.</p>

Communication and Expressive Arts

CERAMICS

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 3

Youth Materials:	<ul style="list-style-type: none"> • <i>Ceramics Manual / Workbook</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn about red glazes and the effect of other glazes on them. • Learn about the color wheel. • Learn about dry brushing stains • Select two items; finish one using a red glaze and the other with stain using dry brush. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>Unit 3 Worksheets</i> • <i>4-H Involvement Report (#91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Ceramics Manual / Workbook <p>plus</p> <ul style="list-style-type: none"> • Two items completed. <p>Note: All pieces must start as greenware. Do not buy bisque items.</p> <p>Note: Exhibits must utilize only skills, tools, and techniques taught in that unit or previous levels.</p>

Communication and Expressive Arts

CERAMICS BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 4	
Youth Materials:	<ul style="list-style-type: none"> • <i>Ceramics Manual / Workbook</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn to use the sgraffito tool • Learn how to apply decals. • Learn to transfer a pattern onto greenware. • Select two items; finish one using sgraffito, and one with a decal(s). • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>Unit 4 Worksheets</i> • <i>4-H Involvement Report (#91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Ceramics Manual / Workbook <p>plus</p> <ul style="list-style-type: none"> • Two items completed. <p>Note: All pieces must start as greenware. Do not buy bisque items.</p> <p>Note: Exhibits must utilize only skills, tools, and techniques taught in that unit or previous levels.</p>

Communication and Expressive Arts

CERAMICS

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 5

Youth Materials:	<ul style="list-style-type: none"> • <i>Ceramics Manual / Workbook</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<p style="text-align: center;"><i>None</i></p>
Requirements:	<ul style="list-style-type: none"> • Choose one of the following techniques to do an in-depth study on (you may repeat unit 5 in subsequent years, provided you study a different technique each year): <ul style="list-style-type: none"> ○ airbrush ○ chalking ○ china painting ○ clay lift ○ clay ripping or tearing ○ cut out ○ fiber mache ○ freehand glaze ○ gold, silver or luster finish ○ attach 2 or 3 non-set greenware pieces together to form a new piece • Select one or more items to finish that will show off the technique you chose. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>Unit 5 Worksheets</i> • <i>4-H Involvement Report (#91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Ceramics Manual / Workbook <p>plus</p> <ul style="list-style-type: none"> • One item completed. <p><i>Note:</i> Exhibits must utilize only skills, tools, and techniques taught in that unit or previous levels.</p>

Communication and Expressive Arts

LOTIONS AND POTIONS BENEWAH COUNTY 4-H PROGRAM PROJECT

LOTIONS AND POTIONS BENEWAH COUNTY 4-H PROGRAM PROJECT	
Youth Materials:	<ul style="list-style-type: none"> • <i>TRY Lotions and Potions Curriculum (Utah State University)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Complete a minimum of five activities. • Complete the “You Do the Math Worksheet”. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>“You Do the Math Worksheet”</i> • <i>4-H Involvement Report (#91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>TRY Lotions and Potions Curriculum (Utah State University)</i> <p>plus</p> <p>One of the following:</p> <ul style="list-style-type: none"> • A poster or display illustrating something you learned in this project this year. • A scrapbook of labeled pictures. • Two items you have made related to the project. Include the recipes, neatly written or typed on a “3 x 5” or a “4 x 6” card. • A labeled photo story depicting something related to the project. • Or another suitable exhibit approved by the Benewah County Extension.

Environmental Education

SURVIVAL BENEWAH COUNTY 4-H PROGRAM PROJECT	
Youth Materials:	<ul style="list-style-type: none"> • <i>Survival 4-H Adventure/Challenge Project (Pilot 2007/08)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>Survival 4-H Adventure/Challenge Project (Pilot 2007/08)</i> • <i>Edible and Medicinal Plants of North Idaho by Idaho Panhandle National Forests/USDA Forest Service R1-03-14</i> • <i>Bonnors Ferry Ranger District Trails by Idaho Panhandle National Forests/USDA Forest Service R103-42</i> • <i>Unit I~ 4-H Survival Project (SU1) and 4-H Survival –Unit I Record Book (#45102)</i>
Requirements:	<ul style="list-style-type: none"> • Set goals for your project • Complete Survival Adventure/Challenge Project Manual (see guidelines in the manual for focus areas for each year) • GUIDELINES <ul style="list-style-type: none"> ➤ 1st year youth will learn: <ul style="list-style-type: none"> • Safety • First Aid • Equipment and Dress • Nutrition • Environment ➤ 2nd year youth will learn: <ul style="list-style-type: none"> • Must know items covered in 1st year; will build on those skills • Equipment/Shelters ➤ 3rd year youth will learn: <ul style="list-style-type: none"> • Must know items covered in 1st & 2nd year; will build on those skills • Edible Foods • Poisonous Plants • Traps • Ground to Air Signals • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Involvement Report (91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>Survival 4-H Adventure/Challenge Project</i> • Visual Display (ONE of the following): <ul style="list-style-type: none"> ➤ A poster (14x22) or display illustrating something you learned in the project this year. ➤ A scrapbook of labeled pictures related to the project. ➤ A photo story depicting something related to the project. <p><i>Note: Exhibits must utilize only skills, tools and techniques taught in that project book or previous levels.</i></p> <p><i>Note: No live signal flares or other explosive materials may be part of the exhibit.</i></p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 1

CAKE DECORATING BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 1	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating (MG 6421B)</i> • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn to bake and frost 8- or 9-inch round or square single-layer cake, or 9x13-inch rectangular cakes that will be a good base for your decorations. • Begin to develop skill in combining color and design in a pleasing way using edible food items. • Bake and decorate a minimum of four cakes, plus your exhibit cake. • Keep a record of each cake you decorate. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report (91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Cake Decorating (MG 6421B)</i> • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One decorated single layer cake using no decorator tubes or cake forms. (Only edible materials such as candies, pretzels and coconut should be used to create design.). Bottom border is required. <p>Note: Do not use decorating tubes. Fondant may be used for decorations only on the cake. No royal icing can be used for icing or for decorations.</p> <p>Note: Cakes are to be displayed on a covered, disposable cardboard cake board that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 manual for specific instructions.</p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 2

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6421B) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn to use professional cake decorating equipment. • Begin to develop skill in using the tubes recommended for decorating the cake selected. • Develop skill in combining icing colors and designs. • Decorate a minimum of four character cakes, plus your exhibit cake. • Keep a record of each cake you decorate. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report</i> (91910)
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Cake Decorating</i> (MG 6421B) • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One decorated single layered real cake (8x9 inch round, oblong, or square cake pan or a 9x13 rectangle cake pan) using the leaf, star and writing tip to decorate the cake. Do not use flowers made on a flower nail or materials other than frosting in decorations. (No fondant or royal icing may be used as icing or for decorations on the cake.) Bottom border is required. No cake forms can be used. <p>Note: Cakes are to be displayed on a covered, disposable cardboard cake board that extends 1 ½ to 3 inches from all edges of the cake. See Unit 2 manual for specific instructions.</p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 3

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6421B) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Use professional cake decorating equipment. • Begin to develop skill in using a writing tube, leaf tip and star tip. • Develop skill in combining icing colors and designs. • Decorate a minimum of four cakes, plus your exhibit cake. This unit emphasizes baking two-layered real cakes this year. • Keep a record of each cake you decorate. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report</i> (91910)
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Cake Decorating</i> (MG 6421B) • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One decorated two-layered real cake using three to five different types of tips in decorating. You must use the writing, star and leaf tips, but may also use other tips, if you choose. Spatula and brush striping are optional. Do not use flowers made on a flower nail or materials other than icing. <p>(No fondant or royal icing may be used as icing or for decorations on the cake.) Bottom border is required. No cake forms can be used.</p> <p>Note: Cakes are to be displayed on a covered, disposable cardboard cake board that extends 1 ½ to 3 inches from all edges of the cake. See Unit1 & 2 manuals for specific instructions.</p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 4 – CHARACTER PANS

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6425) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn to use a character cake pan, a pan with shaped sides and molded top. • Begin to develop skill in using the tips recommended for decorating the cake selected. Example: star tip, grass tip, writing tip, leaf tip, also #210-triple star tip. • Develop skill in mixing colors and using them effectively. • Decorate a minimum of four cakes, plus your exhibit cake. • Keep a record of each cake you decorate • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report</i> (91910)
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Cake Decorating Manual</i> (MG 6425) • <i>Cake Decorating Supplement</i> <p>plus</p> <p>One decorated character real cake (An entire cake which resembles the shape of a character or object made without cutting) other than square, round, oblong, heart, hexagon, oval or petal cake shape. 3D shapes are acceptable, primarily decorated and/or other tips appropriate to the design. (The real cake must be used in this unit).</p> <p><i>Note:</i> Cakes are to be displayed on a covered, disposable cardboard cake board that extends 1 ½ to 3 inches from all edges of the cake See Unit 1 & 2 manuals for specific instructions.</p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 5 – CUPCAKES

CAKE DECORATING BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 5 – CUPCAKES	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6425) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn to bake cupcakes that are uniform in size and suitable for decorating. • Practice skills in using frosting and edible food items to create attractive and tasty individual cake portions (cupcakes). • Practice skills in using decorating tips, mixing colors, textures, sizes, and edible add-ons to effectively create a design or theme. • Bake and decorate a minimum of four batches of cupcakes plus your exhibit cupcakes (total of five cupcake batches). • Keep a record of each cake you decorate. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report</i> (91910)
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Cake Decorating Manual</i> (MG 6425) • <i>Cake Decorating Supplement</i> <p>plus</p> <p>Exhibit one of three classes:</p> <ul style="list-style-type: none"> • A minimum of 3 and a maximum of 6 regular size (2 ¾ inches) cupcakes in liners. Cupcakes should be of similar design or theme. Cupcake should be displayed in a 6-cup muffin tin or put in foil liners and placed on a sturdy paper/plastic plate. • Stacking Cupcakes: A minimum of 4 and a maximum of 8 cupcakes creating one design or theme where cupcakes are stacked on top of each other and decorated. Cupcakes (at least 2 and not more than 4 stacked cupcakes) should be secured to a sturdy covered board for display • (Use guidelines for cakes.) • Character or Design using multiple cupcakes – a character design is created by grouping and decorating several different cupcakes. The character must be displayed on one cake board with a max. size of 9” x 13”.

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 6 – CUT-UP CAKES

CAKE DECORATING BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 6 – CUT-UP CAKES	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6425) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Build on skills learned in units 1-3. • Frost and decorate cut-up cakes. • Develop skill in using a variety of decorating tips. • Learn to cut up flat cakes and put them together to form different shapes. • Learn how to treat cut surfaces to eliminate unnecessary and unsightly crumbs. • Develop more skills in mixing colors. • Bake and decorate a minimum of four cakes plus your exhibit cake (total of five). • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report (91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Cake Decorating Manual</i> (MG 6425) • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • Diagram or pattern used for all required cakes must be included in record book. <p>plus</p> <ul style="list-style-type: none"> • One decorated cut-up real cake using three different types of decorating tips (not different sizes of same tip) to decorate along with edible materials. Non-edible materials cannot be used on the cake. Fondant or royal icing can be used only for decorations. Non-edible internal supports are allowed but must not show. <p><i>Note:</i> Cakes are to be displayed on a covered, disposable cardboard cake board that extends 1 ½ to 3 inches from all edges of the cake. See Unit 1 & 2 manuals for specific instructions.</p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 7 – FLOWER POWER

CAKE DECORATING BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 7 – FLOWER POWER	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating (MG 6426)</i> • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Frost and decorate two-layer cakes. • Make different kinds of leaves, borders, drop or flat surface flowers and flowers made on a flat nail. • Develop skills in using a variety of decorating tips. • Decorate a minimum of four cakes plus your exhibit cake (total of five). (You may use either forms or cakes in this project, but at least two must be real cakes.) • Use a minimum of one flat surface flower, one flower made on a flat flower nail, one border and one side trim in decorating a cake. This will demonstrate the skills that you have learned. • Practice making different leaves, drop or flat surface flowers, flowers made on a flat flower nail, borders and side trims. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report (91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Cake Decorating Manual (MG 6426)</i> • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One two-layer, 8, 9, or 10 inch cake form using a minimum of one flat surface, one flower made on a flat flower nail, one border and one side trim learned in this unit. No fondant allowed for icing or decorations. <p>Note: Cake should be placed on a firm, covered base.</p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 8 – FONDANT

CAKE DECORATING BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 8 – FONDANT	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating (MG 6426)</i> • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Decorate a cake using fondant. • Use skills learned in Units 3-7 to decorate the cake. • Learn to use fondant as a cake covering, decoration or modeling. • Bake and decorate a minimum of four cakes plus your exhibit cake (total of 5). At least two of the cakes should be real cakes. • At least three of the cakes must be totally covered with fondant. • Keep a record of each molding and shaping material used. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report (91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Cake Decorating Manual (MG 6426)</i> • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One decorated two-layer cake of cake form 8-, 9-, or 10 inch round or square covered in fondant and decorated using skills learned from Units 3-7 and fondant and gum paste decorations. <p>Note: Cake should be placed on a firm, covered base.</p>

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 9 – LILY FLOWER NAIL

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6426) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Build on skills developed in previous units. • Make borders and side decorations with string work. • Make flowers on a lily flower nail. • Make floral arrangements. • Practice string work (side trims and writing), flowers made on a nail and floral arrangements. • Bake and decorate a minimum of four cakes plus your exhibit cake (total of five). At least two of the cakes made must be real. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report</i> (91910)
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Cake Decorating Manual</i> (MG 6426) • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One decorated two-layer 8-, 9-, or 10 inch cake or cake form using an example of string work and flower(s) made on a lily flower nail. Border is required.

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 10

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6427) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • To build on skills developed in previous units. • Learn to use supports, separator plates and pillars while decorating cakes. • Design and decorate a cake of three or more tiers of graduated sizes, developing an overall design which is attractive and tied together by color, line and design. • Use special tips for special purposes. • Decorate a minimum of three cakes (or use cake forms) plus your exhibit cake (total of four). Each should have three or more tiers of graduated sizes. Two of the four cakes must be real cakes. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report</i> (91910)
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Cake Decorating Manual</i> (MG 6427) • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One decorated or cake form of three or more tiers of graduated sizes, using supports and separator plates. Pillars may be used, but are not required.

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 11 - MOLDS

CAKE DECORATING BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT 11 - MOLDS	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating (MG 6427)</i> • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Learn to mold and shape different edible materials. • Collect information on at least three different molding and shaping materials. • Mold and shape at least three different edible materials. (Fondant, gum paste, molding chocolate, candy melts, etc.) • Use decorator tips to achieve the natural likeness or effect desired in the molded or shaped item. • Evaluate your project. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>Cake Decorating Supplement</i> • <i>4-H Involvement Report (91910)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Cake Decorating Manual (MG 6427)</i> • <i>Cake Decorating Supplement</i> <p>plus</p> <ul style="list-style-type: none"> • One molded or shaped object that may be on a decorated cake, a cake form or an independent display in a case (no larger than 10 inches) to protect the item from harm.

Healthy Living

CAKE DECORATING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 12 – CREATE YOUR OWN

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Cake Decorating</i> (MG 6427) • <i>Cake Decorating Supplement</i>
Leader Materials:	<i>None</i>
Requirements:	<ul style="list-style-type: none"> • Build on other cake decorating units. • Plan, develop and evaluate your own cake decorating project. This may include such things as: <ul style="list-style-type: none"> ➤ Designing original patterns for cakes. ➤ Experimenting with different cake frosting recipes and writing up the results. ➤ Learning new skills such as filigree, lace, curtaining, extensions, lambeth work, etc. ➤ Experimenting with adjustments for high altitudes. ➤ Exploring moneymaking aspects of cake decorating. ➤ Participating in cake decorating shows and visiting those involved in teaching commercial cake decorators or judging large shows. ➤ Learning about international methods of cake decorating. ➤ Exploring careers possibilities in the cake decorating field. • Give an oral presentation (speech, demonstration, or illustrated talk) related to this project. <p>Complete:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Involvement Report</i> (91910)
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book</i> (91950) • <i>4-H Cake Decorating Manual</i> (MG 6427) <p>plus</p> <ul style="list-style-type: none"> • A detailed notebook describing your project including your goals, plans, accomplishments and your evaluation of your results. You may use pictures or any records you have kept to provide evidence of your accomplishments. If an item was made as part of your project, a sample must be displayed as further evidence of the quality of your project.
<p>Optional Supporting Materials:</p> <ul style="list-style-type: none"> • <i>Wilton Method of Cake Decorating, Beginning Course I, (#53401)</i> • <i>Wilton Method of Cake Decorating, Intermediate, Course II, Flowers and More (#53403)</i> • <i>Wilton Method of Cake Decorating, Level, III, Fondant and Tiered Cakes (#53405)</i> • <i>Cake Decorating/Food Garnishing Skills Checklist, (#53400)</i> 	

Healthy Living

CANDY MAKING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 1 – MELT AND STIR

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist (#53541)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i>
Requirements:	<p>In this project you will learn:</p> <ul style="list-style-type: none"> • About kitchen safety and first aid for burns. • About different kinds of sugar used in candy making. • About different candy ingredients. • Identify the different kinds of chocolate. • How to blend ingredients. • Different melting techniques. • About candy storage. <p>List candies made for Unit 1 with results and outcomes.</p> <p>Prepare four (4) different Melt and Stir items.</p> <p>Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.</p> <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950).</i> • <i>Completed Skills Checklist and list of candies (#53541)</i> • <i>4-H Involvement Report (#91910).</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist and list of candies (#53541)</i> <ul style="list-style-type: none"> • Four (4) pieces of suggested candy from the unit. Include recipe, neatly written on a 3X5” or a 4X6” recipe card. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • A display of something you learned in the project.

Healthy Living

CANDY MAKING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT₂ – CREAM CANDIES

CANDY MAKING BENEWAH COUNTY 4-H PROGRAM PROJECT UNIT₂ – CREAM CANDIES	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist (#53542)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i>
Requirements:	<p>Be familiar with the principles taught in Candy Making Unit 1.</p> <p>In this project you will learn:</p> <ul style="list-style-type: none"> • About the history of candy. • About the properties of corn syrup and its uses in candy making. • How to read the candy thermometer (regular and microwave) and know the terms found on the thermometer up to hard ball. Be able to identify these terms using the cold water test. • About altitude adjustments. <p>List candies made for Unit 2 with results and outcomes.</p> <p>Prepare four (4) different Cream Candies.</p> <p>Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.</p> <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950).</i> • <i>Completed Skills Checklist and list of candies (#53542)</i> • <i>4-H Involvement Report (#91910).</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist and list of candies (#53542)</i> • Four (4) pieces of suggested candy from the unit. Include recipe, neatly written on a 3X5" or a 4X6" recipe card. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • A display of something you learned in the project.

Healthy Living

CANDY MAKING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 3 – HARD CRACK CANDIES

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist (#53543)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i>
Requirements:	<ul style="list-style-type: none"> • Be familiar with the principles taught in Candy Making Unit 1 & 2. • In this project you will: <ul style="list-style-type: none"> ➢ Know ALL stages of candy making on the thermometer and be able to identify these terms using the cold water test. ➢ Review altitude adjustments. ➢ Learn skills for specialized items. • List candies made for Unit 3 with results and outcomes. • Prepare four (4) different Hard Crack Candies. <p>Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.</p> <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950).</i> • <i>Completed Skills Checklist and list of candies (#53543)</i> • <i>4-H Involvement Report (#91910).</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist and list of candies (#53543)</i> • Four (4) pieces of suggested candy from the unit. Include recipe, neatly written on a 3X5” or a 4X6” recipe card. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • A display of something you learned in the project.

Healthy Living

CANDY MAKING

BENEWAH COUNTY 4-H PROGRAM PROJECT

UNIT 4 – SPECIALIZED CANDIES

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist (#53544)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>4-H Candy Making Manual (#53545)</i>
Requirements:	<ul style="list-style-type: none"> • Be familiar with the principles taught in Candy Making Unit 1, 2 and 3. • In this project you will: <ul style="list-style-type: none"> ➢ Learn to melt dipping chocolate. ➢ Learn skills for specific candy centers. • List candies made for Unit 4 with results and outcomes. • Prepare four (4) different Specialized Candies. <p>Give an oral presentation (speech, demonstration or illustrated talk) on a topic related to this project.</p> <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950).</i> • <i>Completed Skills Checklist and list of candies (#53544)</i> • <i>4-H Involvement Report (#91910).</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Candy Making Manual (#53545)</i> • <i>Completed Skills Checklist and list of candies (#53544)</i> • Four (4) pieces of suggested candy from the unit. Include recipe, neatly written on a 3X5” or a 4X6” recipe card. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • A display of something you learned in the project.

Healthy Living

COOKING 101

BENEWAH COUNTY 4-H PROGRAM PILOT PROJECT

Youth Materials:	<ul style="list-style-type: none"> • <i>Cooking 101 (National 4-H Mall)</i> • <i>4-H Project Record Book (#91950)</i> • <i>4-H Involvement Report (#91910)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>Cooking 101 (National 4-H Mall)</i>
Requirements:	<ul style="list-style-type: none"> • Prepare 2-3 dishes from each of the recipe sections: snacks, side dishes, quick breads, main dishes, and deserts. • Complete 2 learning activities: <ul style="list-style-type: none"> ➢ Explore my plate. ➢ Demonstrate Your Knowledge on Safety Basics. ➢ Experiment: Testing for Microwave Safe Dishes ➢ Experiment: How Much Flour will a Measuring Cup Hold? <p>Give an oral presentation (speech, demonstration or illustrated talk) on a “How To” or “Safety Basics” topic related to this project.</p> <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950).</i> • <i>4-H Involvement Report (#91910).</i> • <i>Cooking 101 Manual (National 4-H Mall)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (91950)</i> • <i>4-H Involvement Report (#91910).</i> • <i>Cooking 101 Manual (National 4-H Mall)</i> <ul style="list-style-type: none"> • One non-perishable food item. Include recipe, neatly written on a 3X5” or a 4X6” recipe card. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • A display of something you learned in the project.

Professional Development and Leadership

LEADERSHIP*

BENEWAH COUNTY 4-H PROGRAM PROJECT

Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i> • <i>4-H Leadership Handbook (PILOT)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>Step Up to Leadership, Mentor Guide for Grades K-5 (#64004)</i> • <i>Step up to Leadership, Mentor Guide for Grades 6-12</i>
Requirements:	<ul style="list-style-type: none"> • Complete the appropriate Leadership Opportunity worksheet for the area you have chosen. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i> • <i>4-H Leadership Handbook (PILOT)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • 4-H Involvement Report (#91910) • 4-H Leadership Handbook (PILOT) • A poster (14"x22") or display illustrating something you learned in this project this year. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • A notebook, scrapbook or portfolio of your leadership experiences.
Optional Materials:	<ul style="list-style-type: none"> • <i>Step Up to Leadership, My Workbook, Grades 3-5 (#07905)</i> • <i>Step Up to Leadership, My Journal for Grades 6-8 (#07906)</i> • <i>Step Up to Leadership, My Portfolio, Grades 9-12 (#07907)</i>

Plants and Animals

MARKET TURKEY* BENEWAH COUNTY 4-H PROGRAM PROJECT	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Turkey Project: (Penn State)</i> <p style="text-align: center;"><i>OR</i></p> <ul style="list-style-type: none"> • <i>Scratching the Surface, Level 1 (#72341)</i> • <i>Testing Your Wings, Level 2 (#72342)</i> • <i>Flocking Together, Level 3 (#72343)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Animal Project Record Book (#91940)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>4-H Turkey Project: (Penn State)</i> <p style="text-align: center;"><i>OR</i></p> <ul style="list-style-type: none"> • <i>Poultry Group Activity Guide (#72344)</i>
Requirements:	<p>Project Requirements:</p> <ul style="list-style-type: none"> • Must own and provide primary care, proper housing, and feed for your animal(s) for no less than 125 days. • Minimum requirement is three (3) poults. • Complete a minimum of 7 activities from supporting Turkey project materials each year. • Have your project leader initial each activity (on Project Information & Activity Log in Record Book) when it is completed. • Provide appropriate documentation which includes a Brand inspection and/or a bill of sale and a COOL (County of Origin Labeling) document to meet the federal requirements of COOL. Check with local Extension Office for exact forms required and the deadline for turning in those forms. <p>Give an oral presentation (speech, demonstration, or illustrated talk) related to this project.</p> <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Animal Project Record Book (#91940)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Animal Project Record Book (#91940)</i> • Exhibit two (2) birds as uniform as possible. (Toms must weigh between 20 and 35 lbs. and hens must weigh between 17 and 30 lbs.) <p style="text-align: center;"><i>OR</i></p> <ul style="list-style-type: none"> • A display or poster (14"x22") that shows something new you learned this year related to a completed project activity.
County Requirements:	<p><i>Please Note:</i> Record books are due the second Tuesday of September by 5 pm in the Extension Office.</p>

Plants and Animals

BREEDING GOAT BENEWAH COUNTY 4-H PROGRAM PROJECT	
Youth Materials:	<ul style="list-style-type: none"> • <i>4-H Market Goat Project (Penn State) OR</i> • <i>Just Browsing, Level 1 (#72581)</i> • <i>Get Growing with Meat Goats, Level 2 (#72582)</i> • <i>Meating the Future, Level 3 (#72583)</i> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Animal Project Record Book (#91940)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>4-H Market Goat Project (Penn State) OR</i> • <i>Meat Goat Helper's Guide (#72584)</i>
Requirements:	<p>Project Requirements:</p> <ul style="list-style-type: none"> • Choose one or more does for your Breeding Goat project. • Comply with current USDA Scrapie requirements. • Individually identify each animal with an ear tag and/or tattoo. • Provide one or more forms of positive ownership such as: Brand Inspection, Registration Certificate, Recorded Iron Brand, or Bill of Sale for each project animal for a minimum of 90 days. • If a 4-H member leases a project animal, a completed written and signed copy of the lease agreement must be returned to the county Extension office by the required ownership date. • Complete a minimum of 7 activities from supporting goat materials. • Have your project leader initial each activity (on Project Information & Activity Log in Record Book) when it is completed. <p style="margin-left: 20px;">• Give an oral presentation (speech, demonstration or illustrated talk) related to this project.</p> <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Animal Project Record Book (#91940)</i> • <i>Permanent Individual Animal Record (#72101)</i> for each project animal. <p>Note: Each member is strongly encouraged to participate in a livestock/dairy judging contest.</p>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Animal Project Record Book (#91940)</i> • <i>Permanent Individual Animal Record (#72101)</i> • Any supplemental forms required at the county level, submitted to county Extension office by date specified. • Display performance data on exhibit or stall card. • Exhibit project animal at community, county, or other county Extension approved livestock show. • Exhibit one of your project animals in a Goat Fitting and Showing class at community, county, or other county Extension approved livestock show.
County Requirements:	<p>Please Note: Record books are due the second Tuesday of September by 5 pm in the Extension Office.</p>

Science & Technology

VETERINARY SCIENCE

BENEWAH COUNTY 4-H PROGRAM PROJECT

Youth Materials:	<ul style="list-style-type: none"> • <i>From Airedales to Zebras-Level 1</i> • (#82905) • <i>All Systems Go-Level 2</i> (#82906) • <i>On the Cutting Edge-Level 3</i> (#82907) <p style="text-align: center;"><i>AND/OR</i></p> <ul style="list-style-type: none"> • <i>The Normal Animal- Unit 1</i> (#82901) • <i>Animal Diseases- Unit 2</i> (#82902) • <i>Animal Health &</i> • <i>It's Relationship to Our World- Unit 3</i> (#82903) • <i>4-H Project Record Book</i> (#91950) • <i>4-H Involvement Report</i> (#91910)
Leader Materials:	<ul style="list-style-type: none"> • <i>Veterinary Science Leader's Guide</i> (#82904)
Requirements:	<p>Project Requirements:</p> <ul style="list-style-type: none"> • Complete a minimum of 7 activities from supporting materials for Veterinary Science. • On Project Information & Activity Log in Record Book, have your project leader initial each activity when it is completed. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. • Complete the following: • 4-H Involvement Report (#91910) • 4-H Project Record Book (#91950) • Veterinary Science Manual or worksheets
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • Veterinary Science Manual or Worksheets • A poster (14"x 22") or display related to the project and unit.

Science & Technology

ROBOTICS

BENEWAH COUNTY 4-H PROGRAM PROJECT

Youth Materials:	<ul style="list-style-type: none"> • <i>Robotics 1 LEGO with EV3</i> <p style="text-align: center;"><i>AND/OR</i></p> <ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>4-H Involvement Report (#91910)</i>
Leader Materials:	<ul style="list-style-type: none"> • <i>Robotics 1 LEGO with EV3</i>
Requirements:	<p>Project Requirements:</p> <ul style="list-style-type: none"> • Complete a minimum of 7 activities from your member manual. • On Project Information & Activity Log in Record Book, have your project leader initial each activity when it is completed. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. • Complete the following: <ul style="list-style-type: none"> • 4-H Involvement Report (#91910) • 4-H Project Record Book (#91950)
Exhibit Requirements:	<ul style="list-style-type: none"> • 4-H Project Record Book (#91950) • 4-H Involvement Report (#91910) • Robotics 1 LEGO with EV3 Member Manual • A poster (14"x 22") or display related to the project and unit.

Science & Technology

WELDING BENEWAH COUNTY 4-H PROGRAM PROJECT	
Youth Materials:	<ul style="list-style-type: none"> • <i>Arcs and Sparks: Shielded Metal Arc Welding 4-H (573 Ohio State)</i>
Leader Materials:	<i>None</i>
Requirements:	<p>Project Requirements:</p> <ul style="list-style-type: none"> • Demonstrate good Safety Practices. • Gain experience with different types of welds. • Give an oral presentation (speech, demonstration or illustrated talk) related to this project. <p>Complete the following:</p> <ul style="list-style-type: none"> • <i>4-H Involvement Report (#91910)</i> • <i>4-H Project Record Book (#91950)</i>
Exhibit Requirements:	<ul style="list-style-type: none"> • <i>4-H Project Record Book (#91950)</i> • <i>Arcs and Sparks: Shielded Metal Arc Welding 4-H (573 Ohio State)</i> • Display, properly labeled, one of the following: <ol style="list-style-type: none"> 1. Examples of two different welding joints. 2. Example of vertical or horizontal welding. 3. Example of overhead welding. 4. Example of one of the following: <ul style="list-style-type: none"> ○ Cutting or piercing with a mild steel electrode. ○ Brazing or soldering with the carbon arc torch. ○ Welds with a MIG or TIG welder. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • A scrapbook of pictures of demonstrations, welds or welding projects.