

4-H DIVISION

RULES AND REGULATIONS 4-H DIVISION

The 4-H Division is for boys and girls living in Garfield County who are members of 4-H and have grown, produced, or made their own exhibit.

GENERAL RULES AND REGULATIONS

- All 4-H entry forms are to be returned to the County Extension Office, Jordan, MT by 5:00 PM on July 7, 2023.
- 2. All entries must be made in the member's name and approved by the County Extension Agent. Members may only exhibit in projects in which they are enrolled.
- 3. 4-H members may only enter one entry in each lot except where the lots are "other". Articles entered in "other" lots must all be different.
- Small Animals will be judged on Thursday July 26 in Miles City. Poultry will be judged August 10th in Jordan.
- All projects will be interview judged on Wednesday August 9. The interview schedule will be mailed out prior to the Fair. All exhibitors are required to present their project(s) for judging at their scheduled time.
- 6. The Fairgrounds will open at 8:00 AM Thursday morning for all livestock exhibits.
- 7. All Market livestock exhibits in 4-H must be in place by 11:00 AM Thursday of the Fair and all other livestock exhibits in 4-H must be in place by 7:00 PM.
- All 4-H Horse projects will be judged on Thursday. All 4-H Horses must remain at the Fairgrounds until Friday at 5:00 PM.
- 9. Official judging of classes will commence as advertised prior to the Fair. All exhibitors should be ready when the class is called.

- 10. All exhibits will be judged on the Danish System or group system placing. Each group is designated by colored ribbons. First group-Blue; Second group-Red; Third group-White. Those exhibits not qualifying or which are below standard will not receive an award rating.
- 11. Special ribbons will be awarded as follows: The judge will designate a first place blue exhibit which will receive a Purple Rosette. Second place blue exhibit will receive a Pink Rosette. Exhibits are eligible for Judge's Choice Rosette based on an outstanding project displaying an understanding and learning of the project skills by the member. This will be awarded at the judges' discretion.
- 12. Premiums will be paid two points for a blue ribbon and one point for a red ribbon. White ribbons will not receive premiums.
- 13. Exhibitors will be allowed to remove their livestock entries from the Fair after the Market Livestock Sale. All livestock exhibits are to be checked out by the Livestock Superintendent before leaving the Fairgrounds. All inside entries may be removed at 3:00 PM on Saturday.
- 14. The Garfield County Fair will not be responsible for the loss of any article or animal exhibited at the Fair or while traveling to or from the Fair. This also means anyone associated with the Fair will not be responsible for any damage done to any exhibit while at the Fair, or before or after the Fair. Nor will the Garfield County Fair be held responsible for the safe return of any exhibit to its owner, although due care and caution will be executed to prevent loss or damage.
- 15. Livestock insurance-An insurance policy will be purchased for all market livestock brought to the Fair. The premium will be deducted from the livestock sale proceeds for each animal.

LIVESTOCK RULES

- 1. Livestock must be owned by the 4-H member. Animals will be weighed and tagged. Tagging dates will be set at the November 4-H Council meeting.
- One additional animal for each species may be tagged. Records will be kept on all animals. Identify show animals, single and pen of 2 lambs at weigh-in at the Fair.
- 3. Market lambs may be shorn on tagging day and may be re-shorn before the Fair.
- Complete records must be kept on all livestock tagged. Failure to do so may result in the loss of 4-H Livestock Sale privileges the following year.
- 5. A total of four animals may be sold at the Fair with a limit of one steer and one hog by any one member. Cakes are not included in the total.

White ribbon animals will sell. Minimum weight parameters to show and sell in market classes: Steers 1000#, Lambs 100#, Hogs 200#, and Goats 60#. After weigh-in Thursday evening, the Livestock Committee will review all Market Livestock. The Livestock Committee, at its discretion, may include animals outside of the parameters; conversely, the Livestock Committee may deem an animal within the parameters to not be available for show and sale. The Livestock Committee will review all breeding livestock for health issues. If the Livestock Committee deems an animal unable to show due to health, market readiness, or as a safety risk to the exhibitors and spectators, the Livestock Committee will contact the County Extension Agent. The Extension Agent will bring the problem to the attention of the 4-H member.

The County Agent and Livestock Committee will also determine whether weight classes are necessary and what they should be.

- 6. All 4-H market livestock will be weighed on Thursday between 7:30 am and 11 am as they arrive at the Fairgrounds.
- 7. Livestock must be shown by owner. Exceptions must be approved by the Livestock Committee and County Agent.
- 8. There will be a Grand Champion selected in: Market Beef, Market White Face Lamb, Market Black Face Lamb, Market Hog, White Face Pen of 2 Market Lambs, and Black Face Pen of 2 Market Lambs and market Goats.
- 9. All exhibitors must compete in the Livestock Showmanship contest to sell their market animal. Exceptions must be approved by the Livestock Committee and County Agent.
- 10. Showmanship classes will be placed as Blue, Red or White Exhibits and premium points awarded.
- 11. All blue, red and white ribbon animals will be sold at the Market Livestock Sale. Livestock in feeder classes will not sell.
- 12. 4-H members selling market beef must present a bill of sale to the County Agent when their entries are due. 4-H members selling livestock must be Quality Assurance certified once as a junior and once as a senior member.
- 13. No drugs may be administered to livestock at the Fair. Any exceptions must be approved by the Livestock Committee and County Agent.
- 14. If an exhibitor cannot safely handle their livestock, the exhibitor will not be judged.
- 15. Any abuse of animals by exhibitors or helpers, before, during, or after the show may result in disqualification and the loss of awards and participation in the sale. All decisions will be

made by the Livestock Committee and the County Agent.

- 16. Only 4-H members will be permitted to care for the animals on exhibit, fit animals for showing, and keep barn stalls clean, unless good reason is presented. 4-H is a time of learning animal skills and younger members may need guidance and/or assistance in the above areas.
- 17. All feed and bedding for livestock will be the responsibility of the exhibitor.
- 18. All livestock exhibitors will have an interview on each species at the fair and must have an educational display.

BEEF CATTLE

Classes can be split or combined by appropriate age, or breed classification. The class-breaks will be determined by the County Agent following the entry deadline. Crossbred animals will be shown according to the sire's breed. Note the addition of educational display on project for livestock projects. This will be included in interview judging. Livestock project books may also be entered, see CLASS 58.

CLASS 1 Market Beef

- 1. Market Beef **
- 2. Educational display on project

CLASS 2 Breeding Beef

- 1. British bred heifer
- 2. Continental bred heifer
- 3. British cow/calf-2 yr old
- 4. Continental cow/calf-2 yr old
- 5. British cow/calf-3 yrs old & older
- 6. Continental cow/calf-3 yrs old & older
- 7. British heifer calf
- 8. Continental heifer calf
- 9. British bull calf
- 10. Continental bull calf
- 11. British steer calf
- 12. Continental steer calf
- 13. Educational display on project

DAIRY CATTLE

- CLASS 3 Dairy Cattle 1. Calf under 1 year
- 2. Female over 1 year & under 2 years
- 3. Dairy heifer 2 years old
- 4. Mature Dairy cow 3 years or older
- 5. Educational display on project

4-H HORSES

Horse Project Rules

1. All Horse and Pony projects listed in the 4-H Clover will be offered in Garfield County.

- 2. The Garfield County 4-H Council recommends all 4-H members participating in horse projects follow State Horse Show rules concerning equipment. However, Garfield County 4-H horse leaders have the authority to approve alternative equipment at their discretion. Preapproval of alternate equipment is necessary before the Fair.
- All members in horse projects must start at Level
 Members can be assessed and pass through more than one level in the project year.
- 4. All members must complete Horsemanship Levels 1-3 or Horseless Horse Levels 1-3 before entering any other Horse project. Any exceptions must be approved by the Livestock Committee.
- 5. A 4-H member must be 12 years old or older by Oct. 1 of the current project year to enroll in the Colt to Maturity Project and Green Horse Project.
- 6. Assessments will be scheduled through the Extension Office.
- Project animals should not be trained by a trainer. The project's goals are to teach the 4-H member. Riding lessons are permitted, providing the student rides the horse and the instructor does not.
- 8. Stallions are not eligible beyond Yearlings at Halter.
- 9. A horse can only be exhibited once per lot.
- 10. To exhibit in any of the 4-H Horse classes, members must be enrolled in the respective Horse project(s) and have satisfactorily completed the respective assessments.
- 11. Members will show at the level they were assessed at, on or before a final assessment date.

CLASS 4 Colt to Maturity

Horses will have been carried for the entire project. All horses will be identified as project animals by a marking chart filled out when the horse is a yearling. English and Western will show together. Equipment and patterns are as shown in the project manual.

- 1. Yearlings at halter
- 2. Two-year olds under saddle
- 3. Three-year olds under saddle
- 4. Four-year olds under saddle
- 5. Five-year olds under saddle
- 6. Educational display on project

CLASS 5 Horsemanship

This class is open to members enrolled in any horse project. Rider will be judged on seat, hands, ability to control horse, appearance of horse, and manners. Horses will be judged on performance on the rail at all three gaits and individual work if requested by the judge. Results as shown by performance of the horse are not to be considered more important than the method used to obtain the results.

- 1. Horsemanship Level 1
- 2. Horsemanship Level 2
- 3. Horsemanship Level 3
- 4. Horsemanship Level 4
- 5. Horsemanship Level 5
- 6. Horsemanship Level 6
- 7. Horsemanship Level 7
- 8. Educational display on project

CLASS 6 Green Horse

Exhibitors in this class must be enrolled in the Green Horse Project and must be showing their Green Horse Project animal. This class is for horses not fully trained, but do not fit in the Colt to Maturity Class because of age or ability. The judge will consider performance of horses on the rail and individual work as requested.

- 1. Green Horse Level 1
- 2. Green Horse Level 2
- 3. Green Horse Level 3
- 4. Green Horse Level 4
- 5. Educational display on project

CLASS 7 Ranch Horse

Exhibitors in this class must be enrolled in the Ranch Horse Project and must be showing their Ranch Horse Project animal. The judge will consider the performance of the horse and rider in individual and rail work as posted, plus other requirements of the project.

- 1. Ranch Horse Level 1
- 2. Ranch Horse Level 2
- 3. Ranch Horse Level 3
- 4. Ranch Horse Level 4
- 5. Educational display on project

CLASS 8 Driving

Ground driving and cart driving are both included. The judge will consider individual performance of the horse and exhibitor on the rail and through a simple course.

- 1. Driving Level 1
- 2. Driving Level 2
- 3. Driving Level 3
- 4. Driving Level 4
- 5. Educational display on project

CLASS 9 Packing

This project develops knowledge and skill in the art and science of using horses to transport materials.

- 1. Packing Level 1
- 2. Packing Level 2

- 3. Packing Level 3
- 4. Packing Level 4
- 5. Packing Level 5
- 6. Educational display on project

CLASS 10 Horse Showing

This project teaches how to select, train, and maintain horses for showing. Levels 1-3 may be demonstrated with a display chronicling the events with pictures and records.

- 1. Horse Showing Level 1
- 2. Horse Showing Level 2
- 3. Horse Showing Level 3

CLASS 11 Judging

This project teaches selection and evaluation of horses, giving reasons, and placing of conformation and performance classes. Members may be judged according to an interview and a display.

- 1. Junior Horse Judge (must be 13 and under as of Oct. 1 of the current 4-H year.)
- 2. Senior Horse Judge (must be 14 and over as of Oct. 1 of the current 4-H year.)

CLASS 12 Horseless Horse

This project is for members who do not own a horse but wish to learn about them before deciding to purchase an animal. Members will be judged based on a display and an interview.

- 1. Horseless Horse Level 1
- 2. Horseless Horse Level 2
- 3. Horseless Horse Level 3

CLASS 13 Careers with Horses

This project may be demonstrated with an interview and a display telling of careers in the horse industry.

- 1. Careers With Horses Level 1
- 2. Careers With Horses Level 2
- 3. Careers With Horses Level 3

CLASS 14 Independent Study

This class encompasses all facets of horse breeding. Records must be kept and shown in display or notebook form. Pictures may be added. Members will be interview judged. Mares and colts, of current calendar year are encouraged to come to the Fair, but are not required.

- 1. Horse Breeding
- 2. Any other not listed

SHEEP

Classes can be combined or split by appropriate age or breed classification. Classes will be determined by the County Agent following the entry deadline.

CLASS 15 Market Sheep

- 1. Single white face market lamb
- 2. Single black face market lamb
- 3. Pen of 2 white face market lambs
- 4. Pen of 2 black face market lambs
- 5. Educational display on project

CLASS 16 Breeding Sheep

- 1. White face ewe lamb
- 2. Black face ewe lamb
- 3. White face yearling ewe
- 4. Black face yearling ewe
- 5. White face ewe
- 6. Black face ewe
- 7. White face ewe and lamb(s)
- 8. Black face ewe and lamb(s)
- 9. White face buck lamb
- 10. Black face buck lamb
- 11. White face yearling buck
- 12. Black face yearling buck
- 13. White face mature buck
- 14. Black face mature buck
- 15. Flock of 3 white face breeding sheep (includes 1 ram, 1 ewe)
- 16. Flock of 3 black face breeding sheep (includes 1 ram, 1 ewe)
- 17. Single feeder lamb
- 18. Pen of 3 feeder lambs
- 19. Educational display on project

<u>SWINE</u>

- CLASS 17 Market Swine
- 1. Single market hog
- 2. Single feeder hog-weight less than 200#
- 3. Educational display on project

CLASS 18 Breeding Swine

- 1. Sow under 1 year
- 2. Sow over 1 year

4.

- 3. Litter must include 4 litter mates
 - Boar under 1 year
- 5. Educational display on project

GOATS

CLASS 19 Goats minimum weight 60lbs

- 1. Female under 1 year
- 2. Female 1 year old and under 2
- 3. Female 2 years or over
- 4. Male under 1 year
- 5. Male 1 year old and under 2
- 6. Male 2 years or over
- 7. Market Goat
- 8. Educational display on project

SMALL ANIMAL SHOW

Dogs, cats, rabbits and poultry will be shown in Miles City at the Regional Small Animal Show in these classes. Supplemental information will be available at the Extension Office.

DOGS

GENERAL RULES

- 1. All dogs must be on a leash. They must not be taken near the stock barns.
- 2. All dogs must have current Rabies, Distemper, Hepatitis, Leptospirosis and Parvo-Virus vaccinations.
- 3. Bitches in season may be shown, but must be kept away from the exhibiting area. The judge must be notified to make separate judging arrangements.
- 4. All dogs must have been trained by the member for the class/classes in which he/she is showing.
- 5. This class is open to all dogs, mixed and pure breeds. It is recommended the dog be a minimum age of 6 months.

DOG SHOWMANSHIP

- 1. Dogs must be shown with proper lead for the class entered and be groomed and clean.
- 2. 4-H members should wear appropriate attire.
- 3. The conformation of the dog is not to be considered, but only the ability of the 4-H member to present the dog to the judge.
- 4. Dogs used in showmanship must have been exhibited in Lots 1-5
- 5. There may be a Champion and/or Reserve Champion in each Lot No. 1-5 at the discretion of the judge.

Class 20 Dogs

- 1. Dog, Beginner
- 2. Dog, Graduate Beginner (Sub-Novice)
- 3. Dog, Novice
- 4. Dog, Graduate Novice
- 5. Dog, Open
- 6. Notebook on dog project
- 7. Display
- 8. Poster
- 9. Senior Showmanship
- 10. Junior Showmanship
- 11. Project Book

CATS

CLASS 21 Cats

- 1. Cat 1, 2 & 3 Cat health and grooming
- 2. Cat 1, 2 & 3 Showmanship
- 3. Cat 1 Project activity guide, completed
- 4. Cat 1 Educational poster on activity in guide
- 5. Cat 2 Project activity guide, completed
- 6. Cat 2 Educational poster on activity in guide
- 7. Cat 3 Project activity guide, completed
- 8. Cat 3 Educational poster on activity in guide
- 9. Item you have made for a cat (toy or other)

RABBITS

- CLASS 22 Rabbits 1. One buck, any breed, under 6 months
- One buck, any breed, under 6 months
 One doe, any breed, under 6 months
- One buck, any breed, over 6 months and under 12 months
- 4. One doe, any breed, over 6 months and under 12 months
- 5. Pen of 3 Fryers
- 6. Project activity book
- 7. One buck, any breed, over 12 months
- 8. One doe, any breed, over 12 months
- 9. One doe, any breed, over 12 months, with production records
- 10. White fur (live rabbit)
- 11. Solid fur (live rabbit)
- 12. Broken fur (live rabbit)
- 13. Junior Showmanship
- 14. Senior Showmanship
- 15. Educational display
- 16. Educational display (Advanced Project)

POULTRY

- 1. Birds entered in trio lots will not be permitted to compete for individual prizes, nor will birds entered as singles be permitted to compete as part of a trio lot.
- 2. Each exhibitor may enter any of the following types of poultry: chicken, ducks, geese or turkeys. Exhibitor may enter no more than once in each lot.

CLASS 23 Poultry

- 1. A piece of homemade poultry equipment
- 2. Record book on poultry production or marketing
- 3. Chickens 12 large eggs white or brown
- 4. Chickens 12 eggs, any other
- 5. Chickens Male fowl, one year old or over
- 6. Chickens Male fowl, less than one year old
- 7. Chickens Female fowl, one year old or over
- 8. Chickens Female fowl, less than one year old
- 9. Chickens, Old Trio, 1 male and 2 female (one year old and over)
- 10. Chickens, Young Trio, 1 male and 2 female (less than one year old)
- 11. Chickens, Pen of 3 fryers
- 12. Ducks, Male fowl, one year old or over
- 13. Ducks, Male fowl, less than one year old
- 14. Ducks, Female fowl, one year old or over
- 15. Ducks, Female fowl, less than one year old
- 16. Ducks, Old Trio, 1 male and 2 female (one year old and over)
- 17. Ducks, Young Trio, 1 male and 2 female (less than one year old)
- 18. Geese, Male fowl, one year old or over
- 19. Geese, Male fowl, less than one year old

- 20. Geese, Female fowl, one year old or over
- 21. Geese, Female fowl, less than one year old
- 22. Geese, Old Trio, 1 male and 2 female (one year old and over)
- 23. Geese, Young Trio, 1 male and 2 female (less than one year old)
- 24. Turkeys, Male fowl, one year old or over
- 25. Turkeys, Male fowl, less than one year old
- 26. Turkeys, Female fowl, one year old or over
- 27. Turkeys, Female fowl, less than one year old
- 28. Turkeys, Old Trio, 1 male and 2 female (one year old and over)
- 29. Turkeys, Young Trio, 1 male and 2 female (less than one year old)
- 30. Any other exotic fowl exhibit
- 31. Market Poultry (May be one pen of 3 fryers {chickens}, 1 turkey, 1 goose or 1 pair of ducks)
- 32. Project Book Poultry 1
- 33. Poster Poultry 1
- 34. Project Book Poultry 2
- 35. Poster Poultry 2
- 36. Project Book Poultry 3
- 37. Poster Poultry 3
- 38. Senior Showmanship
- 39. Junior Showmanship

SHOWMANSHIP

All 4-H members exhibiting livestock are required to enter the showmanship contest. Showmanship dress code for showing sheep, swine, cattle and horses: All contestants must wear shirts with long sleeves, (no tank tops or T-shirts) pants or slacks with long legs, (no shorts, cut offs, culottes, etc) and shirt tails must be tucked in. It is recommended all contestants wear a hat and long hair be tied back for safety purposes. Contestant may wear boots or shoes (not thongs or sandals). It is recommended members showing horses wear a hat and riding boots for safety purposes. All equipment must be neat and clean. All animals in the contest must show evidence of fitting and handling. Swine are handled with a cane, bat, or show stick. Sheep are held at the throat and under the jaw, with no halter or collar, with the exception of the Pee Wee Class. Horses are shown at halter. Beef are shown at halter with show stick. Champion Showman will be selected in each lot and will receive a purple rosette. Second place showman will be designated by the judge and will receive a pink rosette. Both individuals will move to the Round Robin Contest. Grand Champion Round Robin Showman will receive a rosette and jacket. A Pee Wee Showmanship division has been added for all classes of livestock. 4-H members age 9-10 will have the option to show in either Pee Wee or Junior Showmanship Class but not both. Those

showing in Pee Wee Showmanship are not eligible for the Round Robin Showmanship.

CLASS 24 Pee Wee Showmanship

To enter in the Pee Wee Showmanship you must be 9-10 years of age as of Oct. 1 of the current project year.

- 1. Beef
- 2. Sheep
- 3. Swine
- 4. Horse
- 5. Goat
- 6. Dairy

CLASS 25 Junior Showmanship

To enter in the Junior Showmanship you must be 13 years or younger as of Oct. 1 of the current project year.

- 1. Beef
- 2. Sheep
- 3. Swine
- 4. Horse
- 5. Goat
- 6. Dairy

CLASS 26 Senior Showmanship

To enter in the Senior Showmanship you must be 14 years or older as of Oct. 1 of the current project year.

- 1. Beef
- 2. Sheep
- 3. Swine
- 4. Horse
- 5. Goat
- 6. Dairy

HORTICULTURE

CLASS 27 Garden Display

Exhibits not containing the required number of vegetables in the 12, 9, 6, or 3 variety displays will not be considered for awards. Exhibits will be judged for uniformity, maturity, varietal characteristics, freedom from disease and quality. Only one garden display may be entered per member.

- 1. Twelve variety vegetable display
- 2. Nine variety vegetable display
- 3. Six variety vegetable display
- 4. Three variety vegetable display
- 5. 3 potatoes, any one variety
- 6. Any other vegetable
- 7. Educational display

The garden display can be prepared by selection of the following according to the number of vegetable varieties grown.

- a) 12 pods beans (green)
- b) 12 pods beans (yellow)
- c) 1 pint beans, dry-shelled

- d) 1 pint beans, green-shelled
- e) 3 beets, pickling
- f) 3 beets, table
- g) 2 heads broccoli
- h) 1 qt. Brussels sprouts
- i) 2 heads cabbage, round
- j) 2 heads cabbage, pointed
- k) 3 carrots
- l) 2 heads cauliflower
- m) 2 bunches celery
- n) 3 ears sweet corn
- o) 6 cucumber, pickling
- p) 3 cucumber, slicing
- q) 2 eggplant
- r) 3 kohlrabi
- s) 2 heads lettuce
- t) 1 plant, lettuce, leaf
- u) 2 muskmelon (cantaloupe)
- v) 6 okra
- w) 1 bunch of 12 green onions
- x) 3 onions, flat, one color
- y) 3 onions, round one color
- z) 2 plants parsley
- aa) 3 parsnips
- bb) 12 pods green peas, unshelled
- cc) 1 pint green peas, shelled
- dd) 12 pods edible-pod peas
- ee) 3 sweet peppers
- ff) 3 hot peppers
- gg) 3 potatoes
- hh) 1 pumpkin
- mm) 6 radishes
- nn) 1 bunch rhubarb
- oo) 1 plant spinach
- pp) 2 squash, summer
- qq) 1 squash, winter
- rr) 1 bunch Swiss chard
- ss) 3 tomatoes, green
- tt) 3 tomatoes, red
- uu) 3 turnip
- vv) 1 watermelon

Unit 1-Budding Gardener

- 8. Perennial flowers
- 9. Dish garden
- 10. Herbs
- 11. Annual flowers
- 12. House plants
- 13. Landscape project
- 14. Project book

Unit 2-Branching Out

- 15. Perennial flowers
- 16. Dish garden
- 17. Herbs
- 18. Annual flowers

- 19. House plants
- 20. Landscape project
- 21. Terrarium
- 22. Project book

Unit 3-Digging Deeper

- 23. Perennial flowers
- 24. Dish garden
- 25. Herbs
- 26. Annual flowers
- 27. House plants
- 28. Landscape project
- 29. Terrarium
- 30. Project book

ELECTRICITY

CLASS 28 Farm & Home Electric**

- Unit 1-The Magic of Electricity
- 1. Homemade flashlight
- 2. Simple switch
- 3. Display or poster of conductors, magnetism, or electricity in the home
- 4. Homemade compass
- 5. Homemade electromagnet
- 6. Homemade galvanometer
- 7. Homemade electric motor
- 8. Any other exhibit approved by leader

Unit 2-Investigating Electricity

- 9. An educational display of Ohm's law
- 10. Display or poster about conductors, insulators or electricity in the home
- 11. Poster identifying the components of a wiring diagram
- 12. Homemade circuit
- 13. Homemade momentary switch
- 14. Homemade 3-way switch
- 15. Homemade rocket launcher
- 16. Homemade burglar alarm
- 17. Any other exhibit approved by leader

Unit 3-Wired for Power

- 18. Display or poster showing how to read an electric meter and different types of receptacles or electricity in the home
- 19. Display types of wires and cables
- 20. Display showing how to measure electricity usage
- 21. Diagram of your home wiring circuits
- 22. Any other exhibits approved by leader **ENTOMOLOGY**

CLASS 29 Entomology**

The collection must be neatly arranged in groups according to order. The insects must be unbroken and mounted according to the directions given in the 4-H Entomology Manual. The date and locality labels must be the correct size and properly placed on the pin. Exhibit boxes must be 18" x 12" for 25 insects and $18" \ge 24"$ for 50 insects. Each box should be 3 $\frac{1}{2}"$ to 4" deep and covered with Plexiglas which can be removed. Boxes made by the exhibitors are preferred.

Unit 1-Creepy Crawlies

- Collection of at least 15 different kinds of adult insects-mounted, labeled, and identified (for 1st year members in Level 1)
- 2. Collection of at least 25 different kinds of adult insects-mounted, labeled, and identified including the Order Lepidoptera (for the 1st year members in Level 1)
- 3. Collection of at least 30 different kinds of adult insects (five of which you haven't exhibited before) mounted, labeled, and identified (for 2nd year members of Level 1)
- Collection of at least 35 different kinds of adult insects (five of which you haven't exhibited before) mounted, labeled, and identified (for 3rd year members of Level 1)
- 5. Display-Net, killing bottle, mounting block, and spreading board used in insect collection (Must exhibit three out of four items listed)
- 6. Poster relating to some activity in Level 1. (i.e. insect behavior, insect communications, insect movement, and insect habitats)
- 7. Any other exhibit approved by leader

Unit 2-What's Bugging You

- Collection of at least 50 different kinds of insectsmounted, labeled, and identified according to order (For 1st year members in Level 2)
- Collection of at least 60 different kinds of adult insects (ten of which you haven't exhibited before) mounted, labeled, and identified including at least five orders (for 2nd year members in Level 2)
- Collection of at least 70 different kinds of adult insects (ten of which you haven't exhibited before) mounted, labeled, and identified including at least five orders (for 3rd year members in Level 2)
- 11. Exhibit or poster of special equipment made as a part of this unit (i.e. a separator or extractor)
- 12. Poster or display relating to some activity in this unit (i.e. insect traps, careers, habitats, etc)
- 13. Any other exhibit approved by leader

Independent Study-Entomology

- 14. Educational display
- 15. Any other exhibit approved by leader

INTRODUCTION TO RANGE MANAGEMENT

CLASS 30 Introduction to Range Management** To exhibit in this category, you must be currently enrolled in Introduction to Range Management (6401). In order to complete a year in this project and exhibit at the Fair, you should have completed a minimum of 3 units during the year. This project should take no more than 2 years to complete. Exhibit no more than 3 items per level. Project books and records are not to be exhibited.

- 1. Picture poster showing the stages of succession
- 2. Poster illustrating the water cycle
- 3. An educational poster display showing different uses of rangelands
- 4. Profile of a rancher or other range user

RANGE MANAGEMENT

CLASS 31 Range Management

Range plants used in book must be listed in MT 8402 250 Range Plants for Range Contests in Montana. Range plants can be exhibited in prepared binder book-type holder, or can be exhibited on loosely mounted sheets contained in an appropriate box. All plants must be properly identified and labeled. Sheets should be 11" x 14" or 11 1/2" x 16 1/2". All herbarium sheets must be the same size. Noxious weeds must be sealed.

Range Management

- Unit 1**
- 1. Plant anatomy reference book
- 2. Poster of plant parts
- 3. Poster of leaf type and arrangement
- 4. Poster of 4 major kinds of range plants (trees not included)

Unit 2**

- 5. Unit II plant anatomy reference book
- Collect, press, and mount 11 range plants: 5 grasses, 1 grass-like, 3 forbs, 2 shrubs displayed in plant collection binder
- 7. Plant press

Unit 3**

- 8. Range management reference book
- Range plant collection meeting the Range Unit III requirements. Collection shall consist of 10 grasses, 1 grass-like, 8 forbs, 4 shrubs, 3 poisonous plants, 2 noxious weeds (Unit

range plants collected may be used to meet

the

requirements)

- 10. Educational display which incorporates skills and knowledge gained in Unit III
- 11. Educational display of range plants showing 5 decreasers, 5 increasers, and 5 invaders

II

Unit 4**

- 12. Youth range manual
- 13. Educational display showing range conditions
- 14. Educational display showing livestock grazing patterns and range plant utilization
- 15. Educational display or range use planning including a one-year plan for a ranch

Unit 5**

16. Unit V Range management reference book, completed (includes manual, project

outlines

and project report

17. Display relating to a specific part of your project

18. Plant collection and write up of poisonous plants, noxious weeds and edible or

medicinal

plants

19. Range display using photographs to depict range management

Independent Study

20. Independent study (i.e. range management plan, soil survey, range monitoring program)

CLASS 32 Weeds**

Weed plant collections-weeds identified by common name and location. Mounting card should be lightweight, white cardboard or poster board. Standard size mounts are $11 \frac{1}{2}$ " x $16 \frac{1}{2}$ ", or $8 \frac{1}{2}$ " x 11". A three ring binder is suggested for easy storage and display. Noxious weeds must be sealed.

Unit 1-Weed Wise

- 1. Exhibit of 12 weeds (7 annuals, 2 biennials & 3 perennials) Identify, press, mount, and label
- 2. Plant press made according to standards
- Story on "Why I think it is important to recognize weeds and control them where you live?"
- 4. Poster with drawings of the plant anatomy
- 5. Any other exhibit approved by leader

Unit 2-Weeds On the Move

- 6. Exhibit of 18 weeds (Should include 2 biennials, and 4 troublesome perennials) Identify, press, mount, and label (cannot be weeds collected in Unit I)
- 7. Collection of seeds of at least 8 weeds
- 8. Unit II-Weeds On the Move project book
- 9. Any other exhibit approved by leader

Unit 3-Weed-N-Seed

10. Collection of 15 weeds (cannot be weeds collected in Units I & II)

- 11. Story on "How I would control a patch of perennial weeds"
- 12. Notebook on weed interview with weed professional
- 13. Other display or poster related to weeds
- 14. Unit III-Weed-N-Seed project book

PHOTOGRAPHY

CLASS 33 Photography

4-H members may exhibit only in the unit in which they are currently enrolled. All photos submitted will be from the current year's projects. Minimum photograph size is 4" x 6" and maximum size is 8" x 10".

Photos entered should be mounted on poster board or matted. Matte board is not to exceed 11" x 14". Entries will not be framed or glassed. (Wood, metal or other type frames) Each item is an individual exhibit and judged as a separate item for a ribbon. Entries may not be duplicated.

Unit 1-Adventures with Your Camera (A)**

- 1. Photo family tree of at least 3 photos
- 2. Three photos with subject off center
- 3. Two photos, same subject, one vertical, one horizontal
- 4. Three photos, same subject, different angles
- 5. Three photos of people or pets
- 6. Three trick photos
- 7. Any display of at least three photos
- 8. Display or poster of camera with labeled parts
- 9. Any other item

Unit 2-Adventures with Your Camera (B)**

- 10. Three photos demonstrating composition (Rule of Thirds)
- 11. Two sets of photos before and after cropping
- 12. Three flash photos
- 13. Three fill-flash photos
- 14. Photogram
- 15. Three photos using different kinds of light
- 16. One photo each: front, side, back, diffuse light
- 17. Three trick photos
- 18. Any display of at least three photos
- 19. Any other item

Unit 3-Adventures with Adjustable Cameras**

- 20. Photo taken at night without flash
- 21. Photo story-five photos mounted on white poster board
- 22. Three photos of people (portraits or candid)
- 23. Three sports photos
- 24. Same subject photographed with and without a lens filter
- 25. Five flash photos
- 26. Three photos-one telephoto, one wide angle,

one normal of the same subject

- 27. One 5" x 7" or 8" x 10" black and white photo, matted
- 28. One 5" x 7" or 8" x 10" color photo, matted
- 29. Three photos using special effects (zoom,
- double exposure, soft focus, pointing with flash, multiple exposure, or night photo)
- light, flash, multiple exposure, or night photo 1. Any other item

Unit 4-ACTION!-Making Videos and Movies**

31. One movie or video tape (50 foot or more)32. Any other item

Unit 5-Producing Slide Shows**

33. One slide show of 35-50 slides34. Any other item

Unit 6-Independent Study**

35. Educational display36. Any other item

WOODWORKING

CLASS 34 Woodworking

- Unit 1-Measuring Up**
- 1. Sandpaper block
- 2. Rabbit puzzle
- 3. Wood airplane
- 4. Wood box
- 5. Letter holder
- 6. Picture frame
- 7. Poster showing tools used
- 8. Item showing interior finish
- 9. Curved cut item made by member
- 10. Stepped spice rack (shelf)
- 11. Other (maximum 3 articles)
- 12. Any other item approved by leader

Unit 2-Making the Cut**

- 13. Tool box
- 14. Bird house
- 15. Saw horse
- 16. Wood whistle
- 17. Foot stool
- 18. Display of wood types
- 19. Coping saw puzzles
- 20. Educational display or poster showing anything related to this project
- 21. Other (maximum of 3 articles)
- 22. Any other item approved by leader

Unit 3-Nailing it Together**

- 23. Boomerang
- 24. Belt buckle
- 25. Simple puzzle
- 26. Book shelf

- 27. Educational display or poster showing anything related to this project
- 28. Other (maximum of 3 articles)
- 29. Any other item approved by leader
- 30. Any other made from plans
- 31. Any cabinetry item

Unit 4-Finishing Up**

- 32. Wood vehicle
- 33. Tabletop hockey game
- 34. Step stool or chair
- 35. Toy dog
- 36. Door knocker
- 37. Educational display or poster showing anything related to this project
- 38. Any other item approved by leader
- 39. Any other made from plans
- 40. Any cabinetry item

Advanced Senior Woodworking**

- 41. Doors & Drawers
- 42. Tables & Chairs
- 43. Restoring &/or refinishing item with notebook

Independent Study**

- 44. Educational display or poster
- 45. Any other item approved by leader

HOME ENVIRONMENT

CLASS 35 Home Environment**

Up to four items from each of the following project levels can be entered.

- 1. Design My Space
- 2. Setting the Stage
- 3. It's Made from What?
- 4. It Could Last Forever
- 5. Let's Go Shopping
 - SEWING

CLASS 36 Sewing

Members may have only one entry in each lot. Members may exhibit only in their current skill level. A member at Skill Level 3 must exhibit at Level 3.

Skill Level 1**

- 1. Display poster of sewing machine
- 2. Notebook of sample skills
- 3. Item with some type of casing
- 4. Item utilizing hand stitching
- 5. Item with finished seams
- 6. Item with trim
- 7. Item with buttons and buttonholes
- 8. Item with zipper
- 9. Simple stuffed toy or pillow
- 10. Simple skirt
- 11. Simple top (without set in sleeves) or tank top
- 12. Placemats and/or napkins, or potholders

- 13. Pants or shorts (without zippers)
- 14. Tote bag or shoulder bag
- 15. Any other item

Skill Level 2**

- 16. Educational poster on machine care, grooming, or wardrobe planning
- 17. Skill Level 2 notebook
- 18. Item with gathers
- 19. Item utilizing hand stitching
- 20. Item with zipper
- 21. Item using serger
- 22. Item with buttons and buttonholes
- 23. Item using interfacing
- 24. Item with darts
- 25. Item with collars and cuffs
- 26. Top stitched item
- 27. Blouse or top
- 28. Skirt
- 29. Dress or jumper
- 30. Pants or shorts
- 31. Vest
- 32. Wool outfit
- 33. Any other item

Skill Level 3**

- 34. Exhibit on grooming or design techniques
- 35. Skill Level 3 notebook
- 36. Poster on pattern alteration
- 37. Item with set-in sleeves
- 38. Item using a serger
- 39. Item with fly front
- 40. Recreation wear
- 41. Outdoor gear
- 42. Lined garment
- 43. Special occasion dress
- 44. Two piece coordinated outfit
- 45. Three piece coordinated outfit
- 46. Wool outfit
- 47. Tailored garment
- 48. Three garment exhibit of lingerie
- 49. Recycled garment (include pictures)
- 50. Formal dress
- 51. Original design garment
- 52. Garment using pattern combinations (include patterns)
- 53. Any other item

SEWING FOR ALL SEASONS

CLASS 37 Sewing for All Seasons Beginning Knitting**

- 2 potholders 1.
- 2. 2 needle mittens

- 3. Ear warmer or ski band
- 4. Slippers
- 5. Hat
- 2 needle sport anklet 6.
- Knitted pillow 7.
- Other item of your choice 8.

Intermediate Knitting**

- 9. Item using cable stitch
- 10. Item using moss or seed stitch
- 11. Item using buttonholes
- 12. Slippers
- 13. Novelties (stuffed toys)
- 14. Socks two colors
- 15. Mittens two colors
- 16. Sweater with raglan sleeves
- 17. Any other item of your choice

Advanced Knitting**

- 18. Afghan
- 19. Sweater Set
- 20. Suit or dress
- 21. Matching skirt and sweater
- 22. Coat sweater with design
- 23. Article using circular needles (skirt, sweater, etc.)
- 24. Socks or cap using 4 needles
- 25. Other item of your choice

Beginning Embroidery**

- 26. Pot holder
- 27. Pin cushion
- 28. Pillow top
- 29. Small picture
- 30. Article using cross stitch
- 31. Simple design on scarf, towel, clothing item or any other article
- 32. Cross stitch picture**

Advanced Embroidery**

- 33. Purse
- 34. Set of four placemats 35. Set of four towels
- 36. Set of four pictures
- 37. Wall hanging
- 38. Smocking on clothing item
- 39. Belt
- 40. Design on clothing item or any other item

Beginning Crochet**

- 41. Set of 2 pot holders
- 42. Simple vest
- 43. Hat or scarf
- 44. Dish rags (2)
- 45. Pair of slippers
- 46. Sofa pillow cover

- 47. Drawstring purse or belt set
- 48. Any item or combination

Advanced Crochet**

- 49. Afghan
- 50. Sweater
- 51. Vest, halter or shrink
- 52. Purse or bag with zipper
- 53. Any garment or article using the skills learned in this project

Quilting**

- 54. Appliqué
- 55. Baby
- 56. Hand quilted
- 57. Hand tied
- 58. Machine quilted
- 59. Pieced
- 60. Pillow
- 61. Wall hanging
- 62. Patchwork with commercial quilting
- 63. Table runner
- 64. Placemat
- 65. Appliance cover

CLASS 38 Foods

FOODS

Members may enter only in food projects in which they are enrolled. All foods should be exhibited under a clear plastic cover; zip-lock bags are preferred unless otherwise stated. Use 4 or 5-inch plates unless specified. <u>Exceptions</u>-snack plates, which are placed on 9 inch plates.

Cooking 101

- 1. 3 Cereal bars, granola bars or no bake cookies**
- 2. 1 Cup snack mix
- 3. 1 Cup Fruit Salad
- 4. 3 Muffins, from scratch, no paper liners**
- 5. 1 8x8 pan combread from scratch
- 6. 3 drop biscuits from scratch
- 7. 1 8x8 pan coffee cake, fruit jumble or fruit crisp
- 8. 3 Brownies made from scratch**
- 9. 3 Cookies**
- 10. 1 8 x 8 Cake made from scratch
- 11. 1 poster on kitchen safety
- 12. Display on measuring
- 13. Any Other item

Cooking 201

- 14.1 Cup fruit compote
- 15. 1 Cup pasta salad
- 16. 1 Loaf nut bread**
- 17. 3 Cheese muffins from scratch, no paper liners*
- 18. 3 Rolled biscuits from scratch
- 19. 3 Scones from scratch**
- 20. 1 9 x 9 Snack cake

- 21. 1 8 x 8 Frosted cake from scratch
- 22. 3 Shaped cookies
- 23. 1 slice breakfast pizza/ or fruit pizza
- 24. Poster on nutrition facts labels
- 25. Any Other Item

Cooking 301

- 26. 1 Loaf yeast bread**
- 27. 3 Yeast rolls**
- 28. 1 Tea ring**
- 29. 1 Small pizza
- 30. 2 Soft pretzels
- 31. 3 Cinnamon rolls
- 32. 1 Cup homemade granola
- 33. 3 Breakfast cookies**
- 34. 1 Cup fruit topping
- 35. 1 Cup spicey pecans
- 36. 1 Cheese ball
- 37. 2-layer cake, frosted
- 38. 1 cup marinated Vegetable
- 39. Poster on outdoor cooking
- 40. Poster on your party plan
- 41. Any other item

Cooking 401

- 42. Display of herbs, fresh, frozen or dries
- 43. Complete meal plan or celebration plan menu, shopping, decoration list, timeline, check list
- 44. Flat Bread
- 45. Focaccia
- 46. French Bread
- 47. Oatmeal Bread
- 48. English Muffins
- 49. Fruit Tart
- 50. Caramels
- 51. Peanut Brittle
- 52. Chocolate Fudge
- 53. Spinach Quiche
- 54. Exhibit related to dries beans and pea production or nutrition
- 55. Hummus
- 56. Custard
- 57. Vanilla Pudding Homemade
- 58. Flan

BAKING

General Rules: ALL FROM SCRATCH. Members may enter only in food projects in which they are enrolled. All foods should be exhibited under a clear plastic cover; zip-lock bags are preferred unless otherwise stated. Use 4 or 5-inch plates unless specified. <u>Exceptions</u>-snack plates, which are placed on 9-inch plates.

Baking 101

59. Educational display or poster showing kitchen

safety

- 60. Educational Display demonstrating measuring techniques
- 61. 3 Baking powder biscuits from scratch
- 62. 3 plain muffins
- 63. 3 Cornmeal muffins
- 64. 3 sugar cookies
- 65. 3 Chocolate Chip cookies
- 66. 3 Drop Cookies
- 67. Peanut Butter Cookies
- 68. Any Other Item related to Project

Baking 201

- 69. 1 loaf Banana Nut bread
- 70. 1 loaf zucchini bread
- 71. 1 Loaf Quick Bread
- 72. 1 coffee cake
- 73. 1 fruit filled coffee cake
- 74. 3 Heritage cookies from another country
- 75. 3 Bar cookies
- 76. 3 rolled cookies
- 77. 3 filled cookies
- 78. 3 shaped cookies
- 79. 3 brownies
- 80. 3 Peanut Butter Blossom Cookies
- 81. Exhibit related to science of baking
- 82. Any Other item related to project

Baking 301**

- 83. Loaf heritage bread
- 84. Loaf French bread
- 85. 3 yeast rolls
- 86. 3 Sweet rolls
- 87. 1 loaf white bread
- 88. 1 loaf fancy bread
- 89. 1 loaf Whole wheat bread
- 90. 1 loaf Dakota Bread
- 91. 3 bread sticks
- 92. 1 loaf White Bread made with bread machine**
- 93. 1 loaf Whole Wheat Bread mad with bread machine
- 94. Display related to the science of bread making
- 95. Any other item related to project

Baking 401

- 96. Yellow Cakes from scratch
- 97. Sponge Cake from scratch
- 98. Uncooked butter frosting
- 99. Fudge Frosting
- 100. Angel food cake
- 101. Apple pie**
- 102. Canned cherry pie
- 103. Fresh peach pie
- 104. Fresh Strawberry Pie
- 105. Any other fruit pie
- 106. Traditional quiche
- 107. Apple Turnovers
- 108. Any other item related to project

Food Preservation General Rules:

Use only standard regulation canning jars. Each jar must be labeled. Labels should be typed or plainly printed with kind of food in jar, date canned, and method of preservation used. Non-acid vegetables and meats must be pressure canned. Include recipes. Standard pint or ½ pint jars must be used for jellies, jams, and butters. No paraffin. All jars must be sealed. All jars constitute an entry in foods preservation. Meats and vegetables must be processed in either standard pint or quart jars. May enter 3 different items in each Lot.

Food Preservation

- 109.Canned fruit (1 or 3)
- 110. Jam (3)
- 111. Jelly (3)
- 112. Canned vegetables
- 113. Canned meat
- 114. Pickles or relish
- 115. Marmalade, fruit butter/conserve (3)
- 116. Beef jerky (3)
- 117. Peanut butter
- 118. Gift basket of 3 preserved foods

Exploring Our Food Heritage

- 119. Foreign pastry
- 120. Foreign cookies (3)
- 121. Foreign cake (1)
- 122. English muffins (3)
- 123. Tortilla or Lefse
- 124. Foreign bread no mix (1)
- 125. Kuchen (1)

CLASS 39 Candy Making Candy Making Level 1

- 1. Fudge (3)**
- 2. Peanut brittle (3) **
- 3. Uncooked mints (3)**
- 4. Lollipops (3)
- 5. Glass candy (3)
- 6. Popcorn balls (3)**
- 7. Date balls (3)
- 8. Any other candy not listed
- 9. Creative display using 3-7 of the above kinds of candy

Candy Making Level 2

- 10. Chocolate covered cherries dipped or molded
- 11. Bonbons (3)
- 12. Marshmallows (3)
- 13. Toffee (3)
- 14. Peanut butter fudge $(3)^{**}$
- 15. Turtles (3)

- 16. Dipped chocolates (3)
- 17. Solid mold candy using candy molds (3)
- 18. Microwavable candy (3)
- 19. Cooked mints (3)**
- 20. Almond Roca (3)
- 21. Caramels (3)**
- 22. Display using 4-15 pieces of the above kinds of candy

Candy Making Level 3

- 23. Truffles (3)
- 24. Pralines (3)
- 25. Marzipan (3)
- 26. Divinity (3)
- 27. Nougat logs (3)
- 28. Penuche (3)
- 29. Taffy (3)
- 30. Filled molded candy using candy molds
- 31. Hollow candy using candy molds
- 32. Candy bar (3)
- 33. Display using 6-21 pieces of the above kinds of candy

CAKE DECORATING

CLASS 40 Decorated Cakes

Interview judging will be done for all decorated cakes to determine ribbon placing. You may sell only one cake. There will be a purple rosette awarded in each level. There will be 1 Grand Champion Cake chosen from purple ribbon winners which will receive the Gladys Sad Memorial Award. Levels are based on skills listed in the cake decorating manual. Fondant is **NOT** to be used until level 3.

Any 4-H member selling a Cake <u>must</u> talk to the Buyer and <u>offer</u> to make another cake of the Buyer's choice.

Level 1 -First year

- Cake Decorating notebook with pictures,/diagrams of cakes, learning and record of expenses
- 2. Single layer cake smoothly frosted
- 3. Cake decorated with any combination of stars, flowers, leaves, writing, and/or borders
- 4. Any other item using Level 1 decorating skills

Level 1 – Second year

- 5. Cake featuring any combination of flowers (squeeze stars or swirl), free hand rosette, star, variety, rosebud, sweet pea.
- 6. Cake featuring lettering dots, fill-in, paper pattern, stencil applications, etc...
- 7. Cake using a specialty pan.
- 8. Any other item using level one cake decorating

skills

Level 2 – Third and fourth year

- 9. A prepared cut-up cake decorated using at least 5 level two decorating skills
- 10. Decorated one level cake using at least 5 level two decorating skills
- 11. Decorated two level cake using at least 5 level two decorating skills.
- 12. Sugar mold with decorating skills using level two decorating skills
- 13. Any other item using level two decorating skills Level 3 Fifth year
- 14. A frosted, assembled and decorated stacked tier cake for a wedding
- 15. A baked, level, stacked cake featuring at least 4 skills from the level 3 cake decorating
- 16. Any other item using level three cake decorating skills

Level 4 – Sixth year and on.

- 17. Any decorated cake using any combination of advanced skills.
- Novelty Cake any level
- 18. Novelty Cake Any cake with non-edible decorations

SELF-DETERMINED

CLASS 41 Self-Determined

- 1. Self determined project display with notebook
- 2. Robotics display

FARM AND SHOP WORK

CLASS 42 Farm and Shop Work Farm and Shop Work is a county level, independent study program and does not have any 4-H project materials. Member will provide a notebook with each project except safety poster.

- 1. Tool sharpening-3 different types of edges and reconditioning-5 tools
- 2. Chisel and punch-tempered project
- 3. Acetylene welding project
- 4. Arc welding project
- 5. Farm or shop safety poster
- 6-10. Up to five unlike items of choice

SMALL ENGINES

CLASS 43 Small Engines Unit 1-Crank It Up!

- 1. Display of basic tools needed to maintain a small engine
- 2. An educational display related to what you have learned about two-cycle engines

- 3. An educational display related to what you have learned about four-stroke engines
- 4. Small engine parts display board with a brief explanation of the purpose of the parts and they work how
- 5. Display related to some system you learned about in Small Engines (filters, cooling, ignition. etc.)
- 6. Any educational display related to this project

Unit 2-Warm It Up!

- 7. An educational display showing how transmissions work
- 8. An educational display showing how to adjust a carburetor
- 9. Carburetor parts display board with brief explanation of the purpose of the parts and

how

they work together

10. Any educational display related to this project

Unit 3-Tune It Up!

- 11. An educational display showing how to use diagnostic tools on small engines
- 12. An educational display related to the electrical system of a small engine
- 13. An educational display about trouble shooting common problems with small engines
- 14. An educational display about small engine designs
- 15. Any educational display related to this project

AEROSPACE

CLASS 44 Aerospace

- Stage 2: Lift Off
- 1. Any Skill Level 1 rocket made from a kit. include plans
- 2. Poster or display of different types of aircraft
- 3. Poster or display explaining how different types of aircraft fly
- 4. A handmade kite, include plans
- 5. Any model rocket or airplane not built from a kit, include plans
- 6. Any educational display related to this project

Stage 3: Reaching New Heights

- 7. Any Skill Level 2 rocket made from a kit. include plans
- 8. A paper flight simulator you have made
- 9. A feather wing glider
- 10. A controllable glider
- 11. A fighter kite that can roll, pitch and yaw
- 12. A model airplane from a kit, include plans
- 13. Any model rocket or airplane not built from a kit
- 14. Any educational display related to what you

have learned in the project

Stage 4: Pilot in Command

- 15. Any skill level rocket made from a kit, include plans
- 16. Poster or educational display relating to some aspect of this level of aerospace (flight plan, career profile, etc.)
- 17. A flat style box kite, include plans
- 18. A remote control airplane made from a kit, include plans
- 19. A model rocket or model airplane not made from a kit, include plans
- 20. Any educational display related to what you have learned in the project
- 21. Your own constructed altitude tracker
- 22. A notebook on the history of aviation

Independent Study

- 23. Educational display
- 24. Any other item

VETERINARY SCIENCE

CLASS 45 Veterinary Science

Unit 1-From Airedales to Zebra

- 1. Notebook showing one species and its different breeds
- 2. Diorama showing the life stages of an animal
- Poster showing temperature, respiration and 3. heart rate of 5 different animals
- 4. Any other item from Level 1 project book
- 5. Safety poster concerning safely handling animal(s) in varying conditions
- 6. Poster or display of equipment needed for immunization

Unit 2-All Systems Go!

- 7. Drawing of any one organ or system, label with name of organ or system and animal
- 8. Poster with a disease process and effects on animal
- 9. Pamphlet about common diseases and prevention
- 10. Poster about life cycle and prevention of a parasite
- 11. Any other project from Level 2 project book
- 12. Drawings of 3 external parasites of cattle. Write on drawing control measures of each.
- 13. Poster on complete life cycle of heel fly and round worm
- Unit 3-On the Cutting Edge
- 14. Pamphlet about artificial insemination, embryo transfers and cloning
- 15. Poster about stem cells, mitosis, meiosis and/or cell reproduction
- 16. Notebook and display of any one topic listed in Unit 3

17. Any other project from Level 3 project book **Independent Study**

18. Any other project relating to veterinary science

LEATHERCRAFT

CLASS 46 Leathercraft

Unit 1**

- 1. Bag tag
- 2. Billfold
- 3. Bookmark
- 4. Coaster
- 5. Coin purse
- 6. Comb case
- 7. Key case
- 8. Knife sheath
- 9. Pencil holder
- 10. Wristband
- 11. Educational poster or display
- 12. Any other exhibit approved by leader
- 13. Any other, up to three items

Unit 2**

- 14. Belt buckle
- 15. Billfold, wallet or pocket secretary
- 16. Checkbook cover
- 17. Eyeglass case
- 18. I.D. and picture case
- 19. Key case
- 20. Knife sheath
- 21. Pocket saver
- 22. Small purse
- 23. Swivel knife sheath
- 24. Educational poster or display
- 25. Any other exhibit approved by leader
- 26. Any other, up to three items

Unit 3**

- 27. Barbecue seat
- 28. Belt
- 29. Belt and holster
- 30. Book cover
- 31. Notebook
- 32. Pistol caddy
- 33. Purse
- 34. Quiver and arm guard
- 35. Travel or toiletry bag
- 36. Wallet
- 37. Educational poster or display
- 38. Any other exhibit approved by leader
- 39. Any other, up to three items

Unit 4**

- 40. Article other than pictures with figure carving
- 41. Article with embossing
- 42. Article with filigree work
- 43. Poster or educational display relating to this unit
- 44. Any other exhibit approved by leader
- 45. Any other, up to three items

Unit 5**

- 46. Completed article demonstrating advanced carving skills, which is colored by solid color or dyeing, block dyeing or shade dyeing. Design can be either a conventional or realistic carving
- 47. Poster or educational display relating to this unit
- 48. Any other exhibit approved by leader
- 49. Any other, up to three items

Unit 6**

- 50. Framed or mounted, carved leather picture (scene or portrait) or matching set. May be left natural color, stained, or colored according to methods learned in previous units
- 51. Poster or educational display relating to this unit
- 52. Any other exhibit approved by leader
- 53. Any other, up to three items

Unit 7**

- 54. Completed saddle-Leather may be tooled or untooled and may be finished in any suitable fashion
- 55. Poster or educational display relating to this unit
- 56. Any other exhibit approved by leader
- 57. Any other, up to three items

Unit 8**

- 58. Completed article or matching set using creative stamping
- 59. Poster or educational display relating to this unit
- 60. Any other exhibit approved by leader
- 61. Any other, up to three items

Unit 9**

- 62. Article or matching set using non-tooled (minimal tooling required for effect is acceptable) and non-sewn leather-working techniques
- 63. Poster or educational display relating to this unit
- 64. Any other exhibit approved by leader
- 65. Any other, up to three items

Unit 10**

- 66. Completed article or garment made by sewing leather
- 67. Poster or educational display relating to this unit
- 68. Any other exhibit approved by leader
- 69. Any other, up to three items <u>CHILD DEVELOPMENT</u>

CLASS 47 Child Development

- 1. How to grow display
- Baby sitting display
- 3. Safe at home display

BICYCLE

CLASS 48 Bicycle

- 1. Poster of bicycle project
- 2. Notebook on project
- 3. Poster or display on bicycle care
- 4. Poster or display on bicycle laws
- 5. Poster or display on driving skills
- 6. Homemade bicycle accessory
- 7. Report on special bike trip or program in which you were involved

WHEAT PROJECTS

CLASS 49 Wheat Projects

- 1. Plant press
- 2. Notebook on project showing 20 hours helping with wheat production. (Including seedbed preparation, planting, harvest, record of yields and number of acres harvested per day.)
- 3. Mounted specimens of wheat at different stages of growth (refer to activity 3 page 2 of manual)
- 4. Recipe and food prepared from a recipe using at least 2 cups of wheat flour
- 5. Notebook on the history of wheat
- 6. Display related to wheat project

BARLEY PROJECTS

CLASS 50 Barley Projects

- 1. Photo story of barley germination test
- 2. Homemade plant press
- 3. Collection of barley plants at different stages of growth (following project book pg. 2)
- 4. Notebook on project showing 20 hours of work in barley production. (Including seedbed preparation, planting, harvest, record of yields, and number of acres harvested each day.)
- 5. Poster related to this project
- 6. Display related to this project

PRACTICAL CROP PRODUCTION PROJECT

CLASS 51 Practical Crop Production Project

- 1. Sheaf of grain
- 2. Sheaf of forage
- 3. Threshed grain or seed
- Project notebook based on good crop production and management principles for project
- 5. A display illustrating crop production and management principles of project

FAMILY LIFE

CLASS 52 Family Life

1. Family Life notebook display

EXPLORING 4-H

CLASS 53 Exploring 4-H**

- 1. Collage wastebasket
- 2. Safety poster
- 3. Snack plate
- 4. Bulletin board
- 5. Book you've written about your pet
- 6. Sock snake
- 7. Other needlework item
- 8. Plant you have started from seed
- 9. Exhibit of 10 insects (labeled)
- 10. Poster on food labels
- 11. Leaf rubbing
- 12. 5 tree leaves, mounted and labeled
- 13. Energy display or poster
- 14. Poster on family fun activity
- 15. Poster or display on animal by-products
- 16. Exploring 4-H project book
- 17. Any other item you have made
- 18. Leather item

<u>PETS</u>

CLASS 54 Pets

The exhibitor may bring one pet to be judged and will be interviewed. (Exhibitor should also bring project book and record book). The pet will not stay at the Fair.

- 1. Health, condition and interview with pet
- 2. Project book Pet 1
- 3. Educational display or poster Pet 1
- 4. Project book Pet 2
- 5. Educational display or poster Pet 2
- 6. Project Book Pet 3
- 7. Educational display or poster Pet 3
- 8. Item you have made for your pet project

WILDLIFE

CLASS 55 Wildlife**

Please specify on entry form which wildlife project you are taking by choosing one of the wildlife projects listed as follows: Montana Non-Game Animals, Montana Big Game Animals, Owls of Montana, Montana's Birds of Prey, Montana's Upland Birds and Waterfowl.

- 1. Poster related to your wildlife project
- 2. Notebook related to your wildlife project
- 3. Display related to your wildlife project
- 4. Any other exhibit related to your wildlife project
- 5. Display which includes tracks
- 6. Habitat map display
- 7. Display of at least six pictures of wildlife related to your project
- 8. Habitat plan notebook

SHOOTING SPORTS

- CLASS 56 Shooting Sports**
- 1. Pistol display
- 2. Rifle-notebook or display
- 3. Archery-notebook or display
- 4. Shotgun-notebook or display
- 5. Muzzle Loader-notebook or display
- 6. Hunting-notebook or display

4-H NOTEBOOKS. POSTERS & SCRAPBOOKS

CLASS 57 4-H Notebooks, Posters &

Scrapbooks

- 1. Poster, notebook or exhibit on a 4-H activity (club)
- Exhibit notebook, poster on a 4-H activity (individual) (i.e. parliamentary procedure, promoting 4-H, community work in your club)
- 3. Club secretary's book (current year)
- 4. One scrapbook display per 4-H Club
- 5. 4-H Book

PROJECT BOOKS

CLASS 58 Project Books

Project books will be interview judged by a local judge.

- 1. Any livestock or small animal project book
- 2. Any Agriculture project book
- 3. Any Industrial Arts project book
- 4. Any Home Economics project book

LEADERSHIP PROJECT

CLASS 59 Leadership Project

Unit 1

- 1. Display or poster on learning activity you completed in project book
- 2. Poster or display on your involvement in a learning experience. (i.e., parliamentary procedure, promoting 4-H, community work in your club)
- 3. Report or photo story on your involvement in a citizenship project

Unit 2

- 4. Display or poster on learning activity completed in project book
- 5. Display or poster on activity completed from list of practical applications
- 6. Report or photo story on your involvement in a citizenship project

Unit 3

- 7. Display or poster on learning activity completed
- 8. Display or poster on activity completed from list of practical applications
- 9. Report or photo story on your involvement in a citizenship project

Unit 4

- 10. Display or poster on learning activity completed
- 11. Display or poster on activity completed from list of practical applications
- 12. Report or photo story on your involvement in a citizenship project

SPORT FISHING

CLASS 60 Sport Fishing**

Level 1 Take the Bait

- 1. Picture poster showing what you have learned about sport fishing
- 2. Display of lures and/or flies you have made
- 3. An educational display related to what you have learned about different types of fish
- 4. An educational display related to what you have learned about fishing or angling
- 5. Display of your fishing log or casting record
- 6. Display of common fishing tackle equipment
- 7. Display of basic fishing knots
- 8. Display of 3 rigging systems
- 9. Any educational display related to what you have learned in this project

Level 2 Reel in the Fun

- 10. An educational display comparing the different types of casting techniques
- 11. Display of lures and/or flies you have made
- 12. Display of your fishing log or casting record
- 13. An educational display identifying the parts of a fish
- 14. An educational display of your favorite fish recipes
- 15. Exhibit of your own hand-made fishing wallet
- Display of at least six intermediate fishing knots. (e.g.: trilene, surgeon's, uni-knot, world's fair knot, two-fold open and blood knot)
- 17. An educational display related to what you have learned about different types of fish
- 18. Any educational display related to what you have learned in this project

Level 3 Cast into the Future

- 19. An educational display showing how you introduced a friend to fishing
- 20. An educational display showing the four types of reels
- 21. An educational display of artificial flies and lures you have made
- 22. An educational display of the different sizes and types of hooks

- 23. An educational display showing at least 8 kinds of aquatic insects
- 24. An educational display about fishing habitats
- 25. An educational display about fishing ethics
- 26. A display of your fishing journal
- 27. An educational display about the different kinds of fish found in Montana
- 28. Any educational display related to what you have learned in this project

JUNIOR COWBOY POETRY

CLASS 61 Junior Cowboy Poetry

- 1. Display of at least 3 original poems written by you during the current year
- 2. An educational display related to what you have learned about rhyme schemes or meter
- 3. An educational display about some of the classic cowboy poets
- 4. A photo story of your participation in a cowboy poetry gathering
- 5. Any educational display related to what you have learned in this project

SENIOR COWBOY POETRY

CLASS 62 Senior Cowboy Poetry

- 1. Display of at least 3 original poems written by you during the current year
- 2. An educational display related to what you have learned about rhyme schemes or meter
- 3. An educational display about some of the classic cowboy poets
- 4. A photo story of your participation in a cowboy poetry gathering
- 5. Any educational display related to what you have learned in this project

CLOVERBUDS

CLASS 63 Cloverbuds

Open to all Cloverbuds. Exhibit includes only one item. **(NO ANIMALS)** Will be interview judged on Wednesday of the Fair. No premium money will be awarded

1. Any Item

VISUAL ARTS

CLASS 64 Palette of Fun (0771)

- 1. Article made in Cutting and Pasting
- 2. Article made in Drawing
- 3. Article made in Painting
- 4. Article made in Sculpting
- 5. Article made in Printing
- 6. Article made in Fiber
- 7. Article made in 3-D Construction
- 8. Any other article
- 9. Any other article