

# **4-H PREMIUM LIST PHILLIPS COUNTY FAIR 4-H Program of Events**

**SATURDAY, JULY 27, 2019**

**9:00 am**

4-H Horse Show at Malta Pavilion

**THURSDAY, AUGUST 1, 2019**

**10:00 am to 8:00 pm**

Registration: 4-H - Steel Building. Weigh scale opens at 10:00 a.m.

**2:00 pm**

Weigh Scale Closes for Animals to be weighed

**4:00 pm**

Judging will take place in the following order: Swine Showmanship, Market Swine, Breeding Swine classes

**FRIDAY, AUGUST 2, 2019**

**8:00 am**

Judging will take place in the following order: - Beef Showmanship, Market Beef and Breeding Beef

**10:00 am – 2:00 pm**

4-H judging begins - Steel Building

**12:00 pm**

Judging of Sheep Showmanship, Market and Breeding

**3:00 pm**

Small Animal Judging – Cats, Dogs, Rabbits, Poultry

**2:00 pm – 8:00 pm**

Steel building open to public when judging is finished. **Closes at 8:00 p.m.**

**SATURDAY, AUGUST 3, 2019**

**8:00 am**

Round Robin Showmanship

**9:30 am**

4-H & FFA Livestock Sale

**10:00 am – 8:30 pm**

Steel Building Exhibits open

**SUNDAY, AUGUST 4, 2019**

**11:00 am -4:00 pm** Steel Building Exhibits open

**1:00 pm**

Parade of Champions – Grandstands

**3:30 pm**

4-H Trophy Presentation

**4:00 pm - 4:30 pm**

Exhibitors may pick up property in 4-H Building

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**4-H CLUBS and FFA**  
**SUPERINTENDENT - Marko Manoukian, Phillips County Extension Agent**  
**Christina Fister, Malta FFA Chapter Advisor**

**GENERAL RULES:**

Only members of the current year 4-H Clubs and FFA Organizations are eligible to participate in this department. Montana 4-H and FFA require that animals be handled in a proper and ethical manner in accordance with accepted modern animal husbandry and scientific practices. In addition, adequate care, including watering, feeding, and comfort, should be appropriately provided to all animals. Any individual treating an animal in any other manner may be asked to leave the grounds.

Exhibitors, their parents, leaders, and instructors have a serious responsibility to follow animal health practices that are approved by the industry and the U.S. Department of Agriculture to assure that meat customers are receiving wholesome food. Health aides and other approved products should be used with care, according to prescribed practices, only when needed, and in the correct amounts.

Exhibitors should seek competent professional advice if medical situations arise which are beyond their capabilities.

Every animal exhibited, except market beef, shall be owned by or available to exhibitor prior to June 1 of the current year.

All awards will be given out at the discretion of the Judge.

All white ribbon 4-H market beef, 4-H market swine, and 4-H market lambs will not be allowed to be sold at the livestock sale. An exhibitor may only sell one market animal (beef, swine, or sheep) at the 4-H/FFA Livestock Sale.

All club members exhibiting must be in good standing and may exhibit only in the project and unit in which they are enrolled.

All 4-H and FFA exhibits in Agriculture and Home Economics will be judged on the Danish or group system of placing. The groups will be designated by colored ribbons – first group, blue; second group, red; third group, white. If no exhibit in a lot merits a blue ribbon, none will be given. Those exhibits not qualifying or which are below standards will not receive ribbon award ratings.

The money value of points earned will depend on the total amount of money available for 4-H Clubs and FFA work at the Fair. Exhibits must be in place by 8:00 p.m. Thursday. Barns and stalls must be open and stock uncovered between 9 o'clock in the morning and 6 o'clock in the evenings each day of the fair. Exhibits are not to be removed from the Fairgrounds until 4:00 p.m. Sunday.

Posters and panels are to be at least 14 x 22 inches.

There will be a 5 pound slide above and below the minimum and maximum for each market species. See individual classes for minimum and maximum weights.

**4-H and FFA SHOWMANSHIP**  
**CLASS 1**

**RULES:**

1. 4-H and FFA members must be exhibiting and enrolled in the division in which they participate in the Showmanship Contest.
2. Members must use the same animals they exhibited as their entries in Showmanship.
3. Showmanship Classes may be divided into a Beginning Junior, Advanced Junior, and Senior Division. Ages 8, 9, and 10 as of October 1 (current 4-H year) will be in the Beginning Junior Division: Ages 11, 12, and 13 as of October 1 (current 4-H year) in the Advanced Junior Division. And 14 and over as of October 1 (current 4-H year) will be in the Senior Division.
4. Prizes--The three high scoring individuals in each class will receive cash prizes.
5. The winner of each class (except dairy, llama, cats, dogs, goats, poultry, rabbits, and Beginning Junior Classes) will participate in the Round-Robin Showmanship. If the first place winner doesn't want to participate in the Round-Robin, the second place winner may. If the second place winner doesn't want to participate, the third place winner may. If none of the first three place winners want to participate, then none from that class will.
6. It is required that participants in showmanship wear dark pants or dark blue jeans and a white shirt.
7. General rules apply.

**LOT NO.**

1.	Beef, Senior Division	8.00	5.00	3.00
2.	Beef, Adv. Junior Division	8.00	5.00	3.00
3.	Dairy, Senior Division	8.00	5.00	3.00
4.	Dairy, Adv. Junior Division	8.00	5.00	3.00
5.	Sheep, Senior Division	8.00	5.00	3.00
6.	Sheep, Adv. Junior Division	8.00	5.00	3.00
7.	Sheep, Beg. Junior Division	8.00	5.00	3.00
8.	Swine, Senior Division	8.00	5.00	3.00
9.	Swine, Adv. Junior Division	8.00	5.00	3.00
10.	Swine, Beg. Junior Division	8.00	5.00	3.00
11.	Rabbit Showmanship	8.00	5.00	3.00
12.	Goat, Senior Division	8.00	5.00	3.00

13.	Goat, Adv. Junior Division	8.00	5.00	3.00
14.	Cat Showmanship	8.00	5.00	3.00
15.	Horse, Senior Division	8.00	5.00	3.00
16.	Horse, Adv. Junior Division	8.00	5.00	3.00
17.	Horse, Beg. Junior Division	8.00	5.00	3.00
18.	Dog Showmanship	8.00	5.00	3.00

**4-H AND FFA MARKET BEEF  
CLASS 2**

**RULES:**

1. This class is open to any beef breed or crossbreed.
2. Entries are limited to market steers (**only castrated males may be used in the market project**) or spayed heifers.
3. All market beef should weigh from 1005 to 1400 lbs.
4. Market beef under 1005 lbs. will automatically be placed in a feeder class. Feeder class beef and white ribbon market beef do not sell at the livestock sale.
5. All market beef shall be weighed at the official scale.
6. **Scale will open at 10:00 am and be closed at 2:00 p.m. Thursday.**
7. All animals will be under control or controllable in the barn and in the show ring.
8. Maximum pounds sold at the 4-H market sale will be 1400 lbs.
9. Exhibitor must turn 12 during the 4-H year to exhibit in this class.
10. General rules apply.

**Points live: Blue – 16, Red – 12, White - 8**

1. 4-H Market Beef
2. FFA Market Beef

**Points on Rail: Blue – 14, Red – 11, White – 8**

3. 4-H Market Beef on rail
4. FFA Market Beef on rail

**Points: Blue – 8, Red – 5, White-3**

5. Any other (Non-animal Market Beef exhibit)

**4-H AND FFA BREEDING BEEF  
CLASS 3**

**RULES:**

1. This class is open to any beef breed or crossbreed.
2. There will be no entry for dry cows of breeding age.
3. All cows of breeding age will be judged with calf at side as one exhibit. Cows will be judged on the quality of their calf, as well as their own conformation.
4. All animals will be under control or controllable in the barn and in the show ring.
5. Exhibitor must turn 12 during the 4-H year to exhibit in this class.
6. General rules apply.

**Points live: Blue-25, Red-20, White-16**

LOT NO.

1. 4-H Female one up to two years
2. FFA Female one up to two years
3. 4-H Female with first calf
4. FFA Female with first calf
5. 4-H Female with second or late calf
6. FFA Female with second or late calf

**Points: Blue-8, Red-5, White-3**

7. Any Other (Non-animal Breeding Beef exhibit)

**BULLS ANY BREED  
CLASS 4**

**RULES:**

1. Same as class 3.

**Points: Blue-25, Red-20, White,-16**

LOT NO.

1. 4-H Bulls over one and under two
2. FFA Bulls over one and under two

3. 4-H Bulls over two years
4. FFA Bulls over two years

**4-H AND FFA DAIRY CATTLE  
CLASS 5**

**RULES:**

1. This class is open to any dairy breed.
2. General rules apply.

**Points live: Blue – 25, Red – 20, White - 16**

LOT NO.

1. 4-H Heifer under 1 year
2. FFA Heifer under 1 year
3. 4-H Heifer over 1 year under 2
4. FFA Heifer over 1 year under 2
5. 4-H Female two years old or older
6. FFA Female two years old or older

**Points: Blue – 8, Red – 5, White – 3**

7. Any Other (Non-animal Dairy exhibit)

**4-H AND FFA MARKET SHEEP  
CLASS 6**

**RULES:**

1. Only one animal sold in Class is allowed.
2. All Market Lambs must be tagged and in your possession by the 3rd of June.
3. Lambs must be less than one (1) year old.
4. **Market sheep must be shorn for show before weigh in on Thursday.**
5. Lambs in this class cannot be entered in breeding class.
6. A lamb may be shown as a single and as a part of a pen, but it must be so indicated first.
7. All market lambs should weigh from 90 lbs. – 160 lbs. at the Phillips County Fair.
8. Market lambs less than 90 lbs. will be automatically placed in a feeder class. Feeder lambs and all white ribbon market lambs will not be allowed to be sold at the livestock sale.
9. The maximum pounds sold at the 4-H market sale is 160 pounds.
10. All market lambs must be weighed at time of entry at the official scale.
11. **Scale will open at 10:00 am and will be closed at 2:00 p.m. Thursday**
12. **Only castrated males may be used in the market project.**
13. General rules apply.

**Points live: Blue – 16, Red – 12, White - 8**

LOT NO.

1. 4-H Pen of 3 Feeder Lambs
2. FFA Pen of 3 Feeder Lambs
3. 4-H Single Market Lamb
4. FFA Single Market Lamb
5. 4-H Single Feeder Lamb
6. FFA Single Feeder Lamb
7. 4-H Pen of 3 Market Lambs
8. FFA Pen of 3 Market Lambs

**Points on Rail: Blue – 14, Red – 11, White - 8**

9. 4-H Market Lamb on Rail
10. FFA Market Lamb on Rail

**Points: Blue – 8, Red – 5, White – 3**

11. Any Other (Non-animal Market Sheep exhibit)

**BREEDING SHEEP  
CLASS 7**

**RULES:**

1. Sheep entered in breeding class will be judged upon breed type and characteristics, quality and development for age.
2. All breeding sheep must be fitted for showing.
3. General rules apply.

**Points live: Blue – 25, Red – 20, White – 16**

LOT NO.

1. 4-H Ewe over 1 year
2. FFA Ewe over 1 year
3. 4-H Ewe Lamb
4. FFA Ewe Lamb
5. 4-H Ram over 1 year
6. FFA Ram over 1 year
7. 4-H Ram lamb
8. FFA Ram lamb
9. 4-H Ewe and lamb
10. FFA Ewe and lamb

**Points: Blue – 8, Red – 5, White – 3**

11. White face ewe fleece, must be tied
12. Black face ewe fleece, must be tied
13. White face ram fleece, must be tied
14. Black face ram fleece, must be tied
15. Any Other (Non-animal Breeding Sheep exhibit)

#### **4-H AND FFA MARKET SWINE CLASS 8**

**RULES:**

1. Class is open to all market swine, regardless of breed.
2. All market swine should weigh from 230 – 280 pounds.
3. Swine weighing less than 230 lbs. will be classified as a feeder hog. Feeder hogs and all white ribbon market swine will not be sold in the livestock sale.
4. Only market swine will be sold. Maximum pounds sold at the 4-H market sale will be 280 lbs.
5. Only one animal sold in this class.
6. All market swine must be tagged and in your possession by the 3<sup>rd</sup> of June.
7. All market swine will be weighed at the official scale.
8. **Scale will be open at 10:00 am and will be closed at 2:00 p.m. Thursday**
9. **Only castrated males may be used in the market project.**
9. General rules apply

**Points live: Blue – 16, Red – 12, White – 8**

LOT NO.

1. 4-H Market Hog
2. FFA Market Hog
3. 4-H Feeder Hog
4. FFA Feeder Hog
5. 4-H Pen of 3 Market Hogs
6. FFA Pen of 3 Market Hogs
7. 4-H Pen of 3 Feeder Hogs
8. FFA Pen of 3 Feeder Hogs

**Points on the rail: Blue – 14, Red – 11, White - 8**

9. 4-H Market Hog on Rail
10. FFA Market Hog on Rail

**Points: Blue – 8, Red – 5, White – 3**

11. Any Other (Non-animal Market Swine exhibit)

#### **BREEDING SWINE CLASS 9**

**RULES:**

1. A litter is 4 or more pigs of either or both sexes, farrowed by one sow.
2. General rules apply.

**Points live: Blue – 25, Red – 20, White – 16**

LOT NO.

1. 4-H Sow over 1 year
2. FFA Sow over 1 year
3. 4-H Sow under 1 year
4. FFA Sow under 1 year
5. 4-H Boar over 1, under 2

6. FFA Boar over 1, under 2
7. 4-H Boar under 1 year
8. FFA Boar under 1 year
9. 4-H Sow with Litter 4 or more pigs
10. FFA Sow with Litter 4 or more pigs

**Points: Blue-8, Red-5, White-3**

11. Any Other (Non-animal) Breeding Swine exhibit

**4-H HORSES**

**CLASS 10**

**RULES:**

1. The horse must be trimmed, fitted, and cleaned.
2. In Colt to Maturity project, if your horse dies, the members have to start over with another yearling.
3. General rules apply.

**HORSEMANSHIP ENTRIES**

**Points: Blue-25, Red-20, White-16**

**LOT NO.**

1. Horsemanship I
2. Horsemanship II
3. Horsemanship III
4. Horsemanship IV
5. Horsemanship V
6. Horsemanship VI
7. Horsemanship VII

**Points: Blue-8, Red-5, White-3**

8. Any Other Horse

**COLT TO MATURITY ENTRIES**

**Points: Blue-25, Red-20, White-16**

**LOT NO.**

9. Yearling Foal on Halter
10. Two-Year Old Horse Under Saddle
11. Three-Year Old under Saddle
12. Four-Year Old under Saddle
13. Five-Year Old under Saddle

**Points: Blue-8, Red-5, White-3**

14. Any Other Horse

**HORSE PACKING ENTRIES**

**Points: Blue-8, Red-5, White-3**

15. Pair of panniers – made by exhibitor
16. Pack saddle tree, deker – made by exhibitor
17. Pack saddle tree, sawbuck – made by exhibitor
18. Complete pack saddle, deker – made by exhibitor
19. Complete pack saddle, sawbuck – made by exhibitor
20. Notebook on pack trip –start to finish
21. Poster or display of knots, splices, hitches, equipment needs, menus and food needed, trip itinerary
22. Poster and/or display about safety

**Points: Blue-25, Red-20, White-16**

23. Horse Packing Level One
24. Horse Packing Level Two
25. Horse Packing Level Three
26. Horse Packing Level Four

**HORSE CAREER ENTRIES**

**Points: Blue-8, Red-5, White-3**

27. Poster on what you have learned about horse careers
28. Display showing what you have learned about horse careers
29. Notebook showing what you have learned about horse careers

#### HORSE DRIVING ENTRIES

**Points: Blue-8, Red-5, White-3**

33. Poster of harness
34. Notebook showing what you have learned about horse driving

**Points: Blue-25, Red-20, White-16**

35. Horse Driving Level One
36. Horse Driving Level Two
37. Horse Driving Level Three
38. Horse Driving Level Four

#### RANCH HORSE ENTRIES

**Points: Blue-25, Red-20, White-16**

39. Ranch Horse Level 1
40. Ranch Horse Level 2
41. Ranch Horse Level 3
42. Ranch Horse Level 4

#### GREEN HORSE ENTRIES

**Points: Blue-25, Red-20, White-16**

43. Green Horse Pattern Level 1
44. Green Horse Pattern Level 2
45. Green Horse Pattern Level 3
46. Green Horse Pattern Level 4

#### ENGLISH HORSE ENTRIES

**Points: Blue-25, Red-20, White-16**

47. English Level 1
48. English Level 2
49. English Level 3
50. English Level 4
51. English Level 5
52. English Level 6
53. English Level 7

#### TRAIL CLASS ENTRIES

**Points: Blue-25, Red-20, White-16**

54. Trail Class, Senior Division
55. Trail Class, Advanced Junior Division
56. Trail Class, Beginning Junior Division

#### BAREBACK PLEASURE CLASS ENTRIES

**Points: Blue – 25, Red – 20, White – 16**

57. Bareback Pleasure Class – Beginning - 1<sup>st</sup> – 3<sup>rd</sup> year in horse project
58. Bareback Pleasure Class – Advanced – 4<sup>th</sup> year and up in horse project

#### MINITURE HORSEMANSHIP CLASS

**Points: Blue – 25, Red – 20, White 16**

59. Miniature Horsemanship Level 1
60. Miniature Horsemanship Level 2

#### FREESTYLE REINING CLASS

**Points: Blue – 25, Red – 20, White -16**

61. Level One
62. Level Two
63. Level Three
64. Level Four
65. Level Five
66. Level Six



**4-H LLAMA  
CLASS 11**

**RULES:**

1. No sale on Llama
2. General rules apply.

**Points live: Blue 20, Red 14, White 8**

LOT NO.

1. Male over 1 year
2. Male under 1 year
3. Female over 1 year
4. Female under 1 year

**Points: Blue – 8, Red – 5, White - 3**

5. Any other (non-animal) Llama exhibit

**4-H AND FFA DAIRY GOAT  
CLASS 12**

**RULES:**

1. No sale on Dairy Goats.
2. General rules apply.

**Points live: Blue-20, Red-14, White - 8**

LOT NO.

1. Purebred Junior Doe, born after April 1, 2018
  2. Recorded Grade and Grade Junior Doe, born after April 1, 2018.
  3. Purebred Junior Doe, born December 1, 2017 to March 31, 2018. Recorded Grade and Grade Junior Doe, born December 1, 2017 to March 31, 2018.
  5. Purebred Junior Doe, 12-24 months
  6. Recorded Grade and Grade Junior Doe, 12-24 months
  7. Purebred Senior Doe, under 2 in milk
  8. Recorded Grade and Grade Senior Doe, 2 in milk
  9. Purebred Senior Doe, 2 years and under 3 years of age in milk
  10. Recorded Grade and Grade Senior Doe, 2 years and under 3 years of age in milk
  11. Purebred Senior Doe, 3 and over in milk
  12. Recorded Grade and Grade Senior Doe, 3 and over in milk
  13. Pet dry doe class, doe older than 24 months, not in milk
  14. Wethers 4 months to 1 year
  15. Wethers 1 year and older
  16. Milk Class
  17. Meat Goat Boar Class
- Points: Blue-8, Red-5, White-3**
18. Any Other (Non-animal Dairy Goat exhibit)

**4-H AND FFA POULTRY  
CLASS 13**

**RULES:**

1. The Poultry will be judged on Friday after the Cat, Dog, and Rabbit Show.
2. General rules apply.

**Points live: Blue 8, Red 5, White 3**

LOT NO.

1. 4-H Hen over 1 year
2. FFA Hen over 1 year
3. 4-H Pullet under 1 year
4. FFA Pullet under 1 year
5. 4-H Rooster over 1 year
6. FFA Rooster over 1 year
7. 4-H Cockerel under 1 year
8. FFA Cockerel under 1 year
9. 4-H Hen and Chicks (minimum 3)
10. FFA Hen and Chicks (minimum 3)

11. 4-H Goose (1)
12. FFA Goose (1)
13. 4-H Duck (1)
14. FFA Duck (1)
15. 4-H Turkey (1)
16. FFA Turkey (1)

**Points: Blue 8, Red 5, White 3**

17. 4-H 1 dozen white eggs
18. FFA 1 dozen white eggs
19. 4-H 1 dozen brown eggs
20. FFA 1 dozen brown eggs
21. 4-H 1 dozen other eggs
22. FFA 1 dozen other eggs
23. Any Other (Non-Animal Poultry Exhibit)

**4-H & FFA RABBITS  
CLASS 14**

**RULES:**

1. The Rabbit Show will take place on Friday after the Cat and Dog Shows.
2. General rules apply.

**Points live: Blue-16, Red-12, White-8**

**LOT NO.**

1. 4-H Senior buck over 1 year
2. FFA Senior buck over 1 year
3. 4-H Senior Doe over 1 year
4. FFA Senior Doe over 1 year
5. 4-H Junior Buck under 1 year
6. FFA Junior Buck under 1 year
7. 4-H Junior Doe under 1 year
8. FFA Junior Doe under 1 year
9. 4-H Doe and Litter must be 3 or more in litter
10. FFA Doe and Litter must be 3 or more in litter
11. 4-H Miniature Doe and Litter must have 1-3 in litter
12. 4-H Pen of 3 fryers (approximately 4 lbs.)
13. FFA Pen of 3 fryers (approximately 4 lbs.)
14. 4-H Rabbit Pen or Hutch
15. FFA Rabbit Pen or Hutch

**Points: Blue-8, Red-5, White-3**

16. Any Other (Non-animal Rabbit Exhibit)

**4-H DOG CARE  
CLASS 15**

**RULES:**

1. The Dog Show will be held on Friday of the Fair. The Dog Show will follow the Cat Show. Dogs are required to be at the fair at time of showing and on a leash at all times, unless the judge requests otherwise during the performance.
2. Member will not be allowed to enter in all classes.
3. A blue ribbon is required to advance to the next class. If a blue ribbon is received you may stay in the same class.
4. Shots for rabies and distemper are required before the fair. Proof is required and should be turned in with fair entries.
5. General rules apply.

**Points: Blue-8, Red-5, White-3**

**LOT NO.**

- A1. Any Other (Non-Animal Dog Exhibit)

**Points live: Blue-25, Red-20, White-16**

- A2. Level One – all items must be completed on leash
  - Heel on leash and figure 8
  - Stand for examination
  - Recall
  - Long down 3 – minutes
  - Favorite trick

**Points live: Blue-25, Red-20, White-16**

- A3. Level Two – all items must be completed with two of the items being completed off leash

- Heel on leash and figure 8
- Stand for examination
- Recall
- Long Down – 3 minutes / out of sight
- Favorite Trick

**Points live: Blue-25, Red-20, White-16**

A4. Level Three – all items in the series must be completed off leash

- Heel
- Stand for examination
- Open heel and figure 8
- Open drop on recall
- Open long down – five minutes / out of sight
- Jump

**4-H CAT PROJECT  
CLASS 16**

**RULES:**

1. The Cat Show will begin at 3:00 pm on Friday. Cats are required to be on a leash or in a carrier at all times, unless the judge requests otherwise.
2. All cats must be removed from the fairgrounds after the judging.
3. No sick cat should be brought to the fair. It is your responsibility to ensure your cat's health and welfare while at the fair.
3. Shots for rabies and distemper are required before the fair. Proof is required and should be turned in with fair entries.
4. General rules apply.

**Points live: Blue-16, Red-12, White-8**

LOT NO.

1. Cat, 3 months to 2 years
2. Cat, over 2 years
3. Cat dressed in costume (must be home-made)

**Points: Blue-8, Red-5, White-3**

4. Item (toy, scratching post, or other) you have made for your cat
5. Picture story of pet with captions in a notebook
6. Cat carrier you have made and decorated
7. Any Other (Non-animal Cat Exhibit)

**POCKET PETS  
CLASS 17**

**RULES:**

1. General rules apply.

**Points: Blue-8, Red-5, White-3**

UNIT I – PET PALS

LOT NO.

- A1 Photo album of different pets
- A2 Poster of a pet
- A3 Make a toy for your pet. Example: tunnel
- A4 Make a home for your pet. Example: ant farm

UNIT II – SCURRYING AHEAD

- B1 Poster pertaining to project
- B2 Activity Project
- B3 Any Other Pocket Pet exhibit

UNIT III - SCALING THE HEIGHTS

- C1 Breeding Journal
- C2 Poster pertaining to project
- C3 Activity Project

**HORSE/HORSELESS PROJECT  
CLASS 18**

**RULES:**

1. General rules apply.

**Points: Blue-8, Red-5, White-3**

**HORSELESS HORSE – ALL LEVELS**

LOT NO.

1. Educational poster or display
2. Any Other Horseless Project Exhibit

**4-H VETERINARY SCIENCE  
CLASS 19**

**RULES:**

1. General rules apply

**UNIT 1 – FROM AIREDALES TO ZEBRAS**

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 Exhibit showing disease prevention within this level.
- A2 Poster or exhibit identifying at least three breeds of at least four major species of livestock.
- A3 Educational poster about all the roles of the animal of your choice.
- A4 Make a diorama showing the life stages of one of your favorite animals.
- A5 Exhibit showing an animal's body systems along with organs and functions of each.
- A6 Poster showing six major nutrient groups and how they are used by a certain animal.
- A7 Display showing five tools that veterinarians use and what they are used for.
- A8 Any other exhibit within the "From Airedales to Zebras" project manual.

**UNIT 2 – ALL SYSTEMS GO**

**Points: Blue-8, Red-5, White-3**

- B1 Exhibit comparing five different animals showing normal heart rates, respirations rates and body temperature.
- B2 Exhibit showing three ways to reduce animal stress and improve sanitation.
- B3 Exhibit showing an animal's immune system protecting it from diseases as in "The Defense Department".
- B4 Exhibit sample damages by parasites.
- B5 Exhibit showing five animal diseases caused by infectious agents.
- B6 Display or notebook stating your experiences for a day shadowing a veterinarian.
- B7 Any other exhibit within the "All Systems Go" project manual.

**UNIT 3 – ON THE CUTTING EDGE**

**Points: Blue-8, Red-5, White-3**

- C1 An educational poster about the reproductive tracts and cycles of a species of your choice.
- C2 Gene Poster
- C3 Exhibit describing ten cell structures and their functions.
- C4 Poster identifying five Zoonotic diseases and how to protect yourself against them.
- C5 Exhibit two veterinary occupations and describe what that type of veterinarian does.
- C6 Any other exhibit within the "On the Cutting Edge" project manual.

**4-H ACTIVITIES (County Project)  
CLASS 20**

**RULES:**

1. General rules apply.
2. Open to any 4-H Club or Member. In these notebooks, include pictures, news articles, pamphlets, and what you have done in this area.

**Points: Blue-8, Red-5, White-3**

LOT NO.

1. 4-H Scrapbook of 4-H Events
2. Safety notebook
3. Health notebook
4. Recreation notebook
5. Secretary's notebook
6. Conservation notebook
7. Citizenship notebook
8. Community Service notebook

**4-H AIRPLANES  
CLASS 21**

**RULES:**

1. Label entry tag - homemade or kit
2. General rules apply.

#### UNIT I – LIFT OFF

##### **Points Blue-8, Red-5, White-3**

##### LOT NO.

- A1 Any skill Level 1 or 2 rocket made from a kit.
- A2 Any skill Level 1 or 2 airplane made from a kit.
- A3 Any skill Level 1 or 2 hot air balloon made from a kit.
- A4 Any skill Level 1 or 2 kite made from a kit.
- A5 Poster or display of different types of aircraft.
- A6 Poster or display explaining how types of weather offset flying.
- A7 An educational display or poster relating to the International Phonetic Alphabet.
- A8 Poster of hot air balloon identifying parts.
- A9 Any other related to what you learned in the project.

##### **Points: Blue-16, Red-12, White-8**

- A10 Any skill Level 1 or 2 rocket not from a kit.
- A11 Any skill Level 1 or 2 airplane not from a kit.
- A12 Any skill Level 1 or 2 hot air balloon not from a kit.
- A13 Any skill Level 1 or 2 kite not from a kit.

#### UNIT II – REACHING NEW HEIGHTS

##### **Points: Blue-8, Red-5, White-3**

- B1 Any skill Level 2 or 3 rocket made from a kit.
- B2 Any skill Level 2 or 3 airplane made from a kit.
- B3 Any skill Level 2 or 3 hot air balloon made from a kit.
- B4 Any skill Level 2 or 3 kite made from a kit.
- B5 Any skill Level 2 or 3 helicopter made from a kit.
- B6 A paper flight simulator you have made.
- B7 A feather wing glider.
- B8 A controllable glider.
- B9 Any other related to what you have learned in the project.

##### **Points: Blue-16, Red-12, White-8**

- B10 Any skill Level 2 or 3 rocket not from a kit.
- B11 Any skill Level 2 or 3 airplane not from a kit.
- B12 Any skill Level 2 or 3 hot air balloon not from a kit.
- B13 Any skill Level 2 or 3 kite not from a kit.
- B14 Any skill Level 2 or 3 helicopter not from a kit.
- B15 A fighter kite that can roll, pitch, and yaw.

#### UNIT III - PILOT IN COMMAND

##### **Points: Blue-16, Red-12, White-8**

- C1 Any skill Level 3 or higher rocket made from a kit.
- C2 Any skill Level 3 or higher airplane made from a kit.
- C3 Any skill Level 3 or higher hot air balloon made from a kit.
- C4 Any skill Level 3 or higher kite made from a kit.
- C5 Any skill Level 3 or higher helicopter made from a kit.
- C6 Any poster or educational display relating to some aspect of this level of aerospace.
- C7 A flat style box kite.
- C8 Your own constructed altitude tracker.
- C9 Any Other

##### **Points: Blue-20, Red-14, White-8**

- C10 Any skill Level 3 or higher rocket not from a kit.
- C11 Any skill Level 3 or higher airplane not from a kit.
- C12 Any skill Level 3 or higher hot air balloon not from a kit.
- C13 Any skill Level 3 or higher kite not from a kit.
- C14 Any skill Level 3 or higher helicopter not from a kit.
- C15 A remote control airplane made from a kit.

#### UNIT IV – AEROSPACE INDEPENDENT STUDY

##### **Points: Blue-20, Red-14, White-8**

- D1 Educational Display
- D2 Any Other Item

**BICYCLE  
CLASS 23**

**RULES:**

1. General rules apply.

**Points: Blue-8, Red-5, White-3**

LOT NO.

**LEVEL I – BICYCLE FOR FUN**

- A1 Display or poster showing what protective gear you would use when riding a bicycle
- A2. Display or poster showing, identifying, and stating the purpose of at least ten parts of a bicycle.
- A3. Display or poster showing, identifying and explaining at least seven traffic signs when riding your bicycle.
- A4. Display or poster showing at least three visual, three surfaces and three moving hazards when riding your bicycle.
- A5. Make a road kit with at least six items you might need on a bike trip.
- A6. Display or poster showing adjustments to your bicycle to make the bike safer and more comfortable to you.
- A7. Display your bicycle tool kit.
- A8. Any other exhibit within “Bicycling for Fun” project level.
- A9. Any other exhibit within “Bicycling for Fun” project level.

**LEVEL II – WHEELS IN MOTION**

**Points: Blue-8, Red-5, White-3**

- B1. Exhibit a comparison chart from one of the activities in chapter 1 of this manual.
- B2. A comparison chart showing different tires and standard air pressures per tire.
- B3. A display showing how to change a flat tire on your bicycle.
- B4. A display showing how to remove, clean, lubricate and put back on a chain on your bicycle.
- B5. A display showing how to replace a bike cable.
- B6. A display or map of your bicycle routes and trips taken.
- B7. Any other exhibit within “Wheels in Motion” project level

**CHILD DEVELOPMENT  
CLASS 24**

**RULES:**

1. General rules apply.

**UNIT I – GROWING ON MY OWN**

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 Bloomin Bag
- A2 Learning Box
- A3 Story Masks on feelings (one or more)
- A4 Design a “Me Hat”
- A5 Poster of Safety Rules
- A6 Choke Tube Tester
- A7 A collection of puzzles and games
- A8 Time Management Clock
- A9 Any Other

**UNIT II – GROWING WITH OTHERS**

**Points: Blue-8, Red-5, White-3**

- B1 Home Alone Game (on poster board)
- B2 Home Alone Box
- B3 Poster on Emergency Numbers
- B4 Make a Coupon Book
- B5 Circle of Friends Poster
- B6 Friendship Chain
- B7 Friendly Fringed Flyer
- B8 Family Mobile (clay)
- B9 Family Tree
- B10 Family Train
- B11 Poster of Food Guide Pyramid
- B12 Nutritious Snack Recipes (Six or more)
- B13 Any other within project level

**UNIT III – GROWING IN COMMUNITIES**

**Points: Blue -16, Red - 12, White – 8**

- C1 Make an acrostic

- C2 Friendship Quilt
- C3 Family Lineage tree
- C4 Two pretzels
- C5 Two puppets (home-made)
- C6 First Aid Kit
- C7 Notebook on Child Development Careers
- C8 Notebook on interview with new parents.
- C9 Notebook on Historical Community Profile
- C10 Any other within project.

#### BABYSITTING

#### I HAVE WHAT IT TAKES TO BE YOUR TEEN BABYSITTER

#### Points: Blue 8, Red – 5, White - 3

- D1 Babysitters Magic Bag
- D2 Exhibit a family file and job log
- D3 Exhibit a parent/guardian survey
- D4 Exhibit about babysitting safety
- D5 A Boo Boo Bunny
- D6 First Aid Kit
- D7 Exhibit showing the “Seven Principles of Discipline”
- D8 Exhibit showing food and nutrition in children
- D9 Exhibit with four toys and explanation of why they are age appropriate
- D10 Exhibit of marketing skills
- D11 Any other exhibit within the Babysitting project

#### 4-H SEWING CLASS 25

#### RULES:

1. General rules apply.

#### UNIT I – “FUNDAMENTALS, LEVEL 1”

#### Points: Blue-8, Red-5, White-3

#### LOT NO.

- A1. Display or exhibit of the parts of a sewing machine and what each part does.
- A2. Exhibit a fringed woven placemat.
- A3. Exhibit of an apron.
- A4. Exhibit of an oven mitt.
- A5. Exhibit of a bean bag game.
- A6. Exhibit of a crayon roll.
- A7. Exhibit of a book cover.
- A8. Exhibit a pillow case with band.
- A9. Exhibit a wallet.
- A10. Exhibit a pajama pants.
- A11. Exhibit a T-shirt redesign.
- A12. Exhibit a scissor case/sheath.
- A13. Exhibit a pin cushion.
- A14. Exhibit a needle book.
- A15. Exhibit a tote bag.
- A16. Exhibit a zipper pouch.
- A17. Exhibit a scrunchie.
- A18. Exhibit a headband.
- A19. Exhibit a fabric belt.
- A20. Exhibit or display related to sewing tools.
- A21. Exhibit a color swatch color wheel.
- A22. Exhibit or display of fabrics using primary, analogous, complementary and tertiary color schemes.
- A23. Display or exhibit of fabrics illustrating intensity and value.
- A24. Textile file with swatches of fabrics and fabric identification card (Swatch Box).
- A25. Exhibit of fiber content experiment and results.
- A26. Exhibit of fiber zap (static electricity) experiment and results.
- A27. Exhibit of Soak it up experiment and results.
- A28. Exhibit of natural or synthetic fiber experiment and results.
- A29. Exhibit or sampler of seam finishes.
- A30. Exhibit of sample of five hand stitches.

- A31. Exhibit of refashioned clothing item.
- A32. Exhibit of consumer comparison display related to clothing or a sewing home decorating item.
- A33. Display related to a community service project based on sewing.
- A34. Any other item within the project level.

#### UNIT II – “SIMPLE SEWING, LEVEL 2”

##### **Points: Blue-16, Red-12, White-8**

- B1. Display or exhibit related to stripes as a design feature.
- B2. Display or exhibit related to print fabrics and design features.
- B3. Display or exhibit of pressing tools with labels on uses.
- B4. Display or exhibit of handmade tailor’s ham.
- B5. Exhibit of knit scarf from recycled fabrics.
- B6. Exhibit or display of textile file with swatches of fabric and fabric identification card.
- B7. Exhibit or display of the Burn test experiment and results.
- B8. Exhibit or display of the Chemical test experiment and results.
- B9. Exhibit or display of the Break it down environmental impact of textiles experiment and results.
- B10. Exhibit or display of the Detergent experiment comparison with results.
- B11. Exhibit or display of the Holding it together experiment and results.
- B12. Exhibit or display of the Melting and color experiment and results.
- B13. Exhibit or display of seam finishes.
- B14. Exhibit or display of darts, curves and gathering.
- B15. Exhibit or display of hand stitches.
- B16. Exhibit or display related to types of interfacing, when and where to use.
- B17. Exhibit or display of a lap zipper.
- B18. Exhibit or display of an invisible zipper.
- B19. Exhibit or display of a fly front zipper.
- B20. Exhibit or display of a centered zipper.
- B21. Exhibit or display of an exposed zipper.
- B22. Exhibit or display with at least two styles of pockets.
- B23. Exhibit of a shirt sewn with a set in sleeve.
- B24. Exhibit of a shirt sewn with a raglan sleeve.
- B25. Exhibit of a shirt sewn with a kimono sleeve.
- B26. Exhibit of a shirt sewn with a dolman sleeve.
- B27. Exhibit of an item sewn with a cuff and placket.
- B28. Exhibit of an item sewn with a collar.
- B29. Exhibit of an item sewn with a waistband.
- B30. Exhibit of an item sewn with a faced waistline.
- B31. Exhibit or display of a cost analysis of a sewing project.
- B32. Exhibit or display of a cost comparison of a sewing project.
- B33. Any other item within this project level.

#### KNITTING - BEGINNING

##### **Points: Blue-8, Red-5, White-3**

##### LOT NO.

- D1 Set (4) of mug mats (Coasters)
- D2 Dishrag at least 10” x 10”
- D3 Pocket purse
- D4 Simple slippers
- D5 Two needle mittens
- D6 Baby blanket (35” x35”)
- D7 One color hat
- D8 One color mittens
- D9 Plain pullover
- D10 Pair of potholders
- D11 Knitted pillow
- D12 Any other exhibit within the Beginning Knitting project
- D13 Any other non-knitted exhibit within the Beginning Knitting project

#### KNITTING - INTERMEDIATE

##### **Points: Blue-16, Red-12, White-8**

##### LOT NO.



- E1 Exhibit using cable stitch
- E2 Striped Cardigan
- E3 Lace Edge Pullover
- E4 Two colored mittens
- E5 Two colored socks
- E6 Any other exhibit within the Intermediate Knitting project
- E7 Any other non-knitted exhibit within the Intermediate Knitting project

#### KNITTING - ADVANCED

##### **Points: Blue-20, Red-14, White-8**

- F1 Set of towels with a lace edging (sawtooth or scallop)
- F2 Cable and lace afghan
- F3 Window pane afghan
- F4 Pillow
- F5 Any exhibit using 4 needles
- F6 Any exhibit using advanced techniques
- F7 Any other exhibit within the Advanced Knitting project
- F8 Any other non-knitted exhibit with the Advanced Knitting project

#### EMBROIDERY - BEGINNING

##### **Points: Blue-8, Red-5, White-3**

##### LOT NO.

- H1 Pot holder
- H2 Set of pillowcases (2)
- H3 Pillow top
- H4 Small picture
- H5 Article using cross stitch
- H6 Simple design on scarf, towel, or clothing item
- H7 Any other embroidery item within project

#### EMBROIDERY - ADVANCED

##### **Points: Blue-16, Red-12, White-8**

- J1 Purse
- J2 Set of 4 place mats
- J3 Set of 4 towels
- J4 Set of pictures
- J5 Wall hanging
- J6 Smocking of any item
- J7 Tablecloth
- J8 Design on clothing item or any other article

#### CROCHET - BEGINNING

##### **Points: Blue-8, Red-5, White-3**

- K1 Set of potholders (2)
- K2 Mug Mat (4 inches in diameter)
- K3 Towel edging
- K4 Scarf (9" x 50")
- K5 Hat
- K6 One pair of baby sock edging
- K7 Bookmark
- K8 Coaster (5"x 5")
- K9 Placemat (12" x 15")
- K10 Napkin ring (5" x 1 ½ ")
- K11 Scrunchie (2)
- K12 Pair of Simple Slippers
- K13 Any other non-crocheted exhibit within the project level
- K14 Any other exhibit within the project level

#### CROCHET - ADVANCED

##### **Points: Blue-16, Red-12, White-8**

- L1 Wave Afghan

- L2 Ripple Afghan
- L3 Snowflake
- L4 Pullover
- L5 Cardigan
- L6 Shawl
- L7 Square Afghan
- L8 Doily
- L9 Sofa pillow cover
- L10 Pair of Slippers
- L11 Rug
- L12 Any other exhibit within the Advanced Crochet project
- L13 Any other non-crocheted exhibit within the Advanced Crochet project

#### QUILTING – BEGINNING

**Points: Blue-8, Red-5, White-3**

- M1 An educational display or exhibit on quilt history
- M2 An educational display or exhibit of 10 quilting supplies
- M3 An educational display or exhibit using 5 fabrics and the color wheel for a quilt
- M4 An educational display or exhibit showing the safe way to use a rotary cutter
- M5 An educational display or exhibit showing the steps for sewing the quilt top
- M6 An educational display or exhibit showing at least 4 different types of batting and what is the best use of each
- M7 A potholder showing the binding technique from the project book
- M8 A Four Patch Quilt
- M9 A Rail Fence Quilt
- M10 Any other educational display or exhibit within the “You Can Quilt!” project level

#### QUILTING – INTERMEDIATE

**Points: Blue-16, Red-12, White-8**

- N1 Exhibit a set (4) of placemats from page 5 of the project book
- N2 Exhibit a table runner from page 6 of the project book
- N3 Exhibit an autograph pillow from page 7 of the project book
- N4 Exhibit a baby or lap size quilt demonstrated in project book. Minimum size: 36” x 54” Maximum size: 54” x 72”
- N5 Exhibit a twin or double size quilt demonstrated in the project book
- N6 Exhibit a queen or larger size quilt demonstrating in the project book
- N7 Educational display or exhibit using techniques of finishing a quilt
- N8 Exhibit a wall hanging demonstrated in the project book
- N9 Any other educational display or exhibit within the “Creative Corners” project level

#### QUILTING – ADVANCED

**Points: Blue - 20, Red – 16, White – 12**

- O1 Exhibit any size quilt demonstrated in this project level
- O2 Exhibit as wall hanging demonstrated in this project level
- O3 Exhibit a tote bag or purse demonstrated in this project level
- O4 Exhibit a table runner demonstrated in this project level
- O5 Exhibit a set (2) pillow shams demonstrated in this project level
- O6 Educational display or exhibit showing one of the challenges for the “Terrific Triangles” project level
- O7 Any other educational display or exhibit within the “Terrific Triangles” project level

#### QUILTING – INDEPENDENT STUDY

**Points: Blue – 20, Red – 16, White – 12**

- P1 Any educational display or exhibit within the Sewing and Textile - Quilting project, independent study
- P2 Any educational display or exhibit within the Sewing and Textile - Quilting project, independent study

### CROP SCIENCE CLASS 26

**RULES:**

1. General rules apply.

SMALL GRAINS: WHEAT, OATS, BARLEY AND RYE

**Points: Blue-16, Red-12, White-8**

**Division I**

- A1 Educational display or exhibit showing your knowledge from your visit to a bakery.
- A2 Educational display or exhibit showing the parts of a plant
- A3 Educational display or exhibit showing at least 7 products made from the small grains as explained in Exercise 2, uses of small grains.
- A4 Educational display or exhibit showing the growth stages of one small grain plant.

- A5 Educational display or exhibit showing the findings from Exercise 7, growing small grains in containers.
- A6 Educational display or exhibit showing three different varieties of small grains.
- A7 Educational display or exhibit showing the results from Exercise 8, small grain varieties.
- A8 Educational display or exhibit showing the results from Exercise 12, resistant varieties.
- A9 Any other educational display or exhibit within the Division I, Small Grains project book.

**Points: Blue-16, Red-12, White-8**

**Division II**

- B1 Educational display or exhibit showing your visit to a local livestock feed store as described in Exercise 3.
- B2 Educational display or exhibit showing the parts of a plant – two varieties of grains
- B3 Educational display or exhibit showing the germination stages of some small grain seeds.
- B4 Educational display or exhibit showing five different varieties of small grains including average yield, insect or disease resistance, lodging resistance, test weight, maturity and straw height.
- B5 Educational display or exhibit showing the results from Exercise 9, measuring the effects of vernalization.
- B6 Educational display or exhibit showing the results from Exercise 11, germination test results.
- B7 Educational display or exhibit showing different insect pests of small grains.
- B8 Educational display or exhibit from Exercise 17, recognizing small grain insect pests.
- B9 Educational display or exhibit from Exercise 18, recognizing weeds.
- B10 Educational display or exhibit from Exercise 21, determine small grain harvest losses.
- B11 Educational display or exhibit from Exercise 23, small grain marketing.
- B12 Any other educational display or exhibit within the Division II, Small Grains project book.

**Points: Blue-16, Red-12, White-8**

**Division III**

- C1 Educational display or exhibit showing the results from Exercise 10, differences in seed quality.
- C2 Educational display or exhibit showing the results from Exercise 13, comparing planting depths.
- C3 Educational display or exhibit showing primary and secondary nutrients that small grains need.
- C4 Educational display or exhibit showing how to take a soil sample.
- C5 Educational display or exhibit showing the results or activities in Exercise 15, deficiencies in plant nutrients and effects of fertilization.
- C6 Educational display or exhibit showing different diseases of small grains.
- C7 Educational display or exhibit showing different insect pests of small grains.
- C8 Educational display or exhibit from Exercise 16, recognizing small grain diseases.
- C9 Educational collection of three insects, five weeds and three diseases found in small grain fields as per Exercise 19.
- C10 Educational display or exhibit from Exercise 28, Careers related to crops
- C11 The production record portion of the 4-H crops and soils record sheet for a small grains crop you raised.
- C12 Any other educational display or exhibit within the Division III, Small Grains project book.

**Points: Blue-16, Red-12, White-8**

**Division IV**

- D1 Educational display or exhibit from Exercise 20, determining field acreages.
- D2 Educational display or exhibit from Exercise 22, determining the volume of storage structures.
- D3 Educational display or exhibit from Exercise 24, keeping a small grain balance sheet.
- D4 Educational display or exhibit from Exercise 25, monitoring the price of small grains.
- D5 Educational display or exhibit from Exercise 26, the need for an export market.
- D6 Educational display or exhibit from Exercise 27, determining production costs.
- D7 The production record portion of the 4-H crops and soils record sheet for a small grains crop you raised.
- D8 Any other educational display or exhibit within the Division VI, Small Grains project book.

**4-H DEMONSTRATIONS AND SPEECHES  
CLASS 27**

**RULES:**

1. A demonstration may be given by an individual or a team. A team consists of two 4-H members.
2. Only one (1) demonstration and speech per member or team.
3. General rules apply.

**Points: Blue-25, Red-20, White-16**

LOT NO.

- A1 County Demonstration

**4-H ELECTRICITY  
CLASS 28**

**RULES:**

1. General rules apply.

**UNIT I – THE MAGIC OF ELECTRICITY**

**Points: Blue-8, Red-5, White-3**

**LOT NO.**

- A1 A homemade flashlight
- A2 A simple switch
- A3 A display or poster of conductors
- A4 A display or poster about magnetism
- A5 A homemade compass
- A6 A homemade electromagnet
- A7 A homemade galvanometer
- A8 A homemade electric motor
- A9 A display of parallel circuit and a series circuit
- A10 Any other homemade electric device

**UNIT II – INVESTIGATING ELECTRICITY**

**Points: Blue-8, Red-5, White-3**

- B1 An educational display of Omm's Law
- B2 A display or poster about conductors and insulators
- B3 A poster identifying the components of a wiring diagram
- B4 A homemade circuit
- B5 A homemade momentary switch
- B6 A homemade three way switch
- B7 A homemade rocket launcher
- B8 A homemade burglar alarm
- B9 An educational poster or display about electricity in the home
- B10 Any other homemade electric device

**UNIT III – WIRED FOR POWER**

**Points: Blue-16, Red-12, White-8**

- C1 A display or poster showing how to read an electric meter
- C2 A display of types of wire and cable
- C3 A display showing how to measure electricity usage.
- C4 A display or poster showing the different types of receptacles
- C5 A diagram of your home wiring circuits
- C6 An educational poster or display about electricity in the home
- C7 Any other homemade electric device

**UNIT IV – ENTERING ELECTRONICS**

- D1 A display or poster of different electronic parts
- D2 A display or poster showing how a diode works
- D3 A display showing how a transistor regulates flow
- D4 A display showing how LED's work
- D5 A homemade flasher
- D6 A homemade alarm that reacts to light
- D7 A homemade light meter
- D8 A homemade SCR intruder alarm
- D9 A homemade 6-8 watt amplifier
- D10 An educational poster or display about electronics
- D11 Any other homemade electronic device

**4-H ENTOMOLOGY  
CLASS 29**

**RULES:**

1. General rules apply.
2. Minimum of insects in display is six.

**UNIT I – CREEPY CRAWLERS**

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 Poster or display of insect parts - include nine parts on page 7 of project manual.
- A2 Display or poster explaining a pitfall trap
- A3 Poster of compound eye and explain how it works
- A4 Poster of different parts of a grasshopper's digestive system
- A5 Display of cooked insects and recipe

**Points: Blue - 16, Red -12, White -8**

- A6 Insect display of mount types. Identify type and insect.
- A7 Home-made insect net
- A8 Insect display of antennae. Identify antennae type and insect.
- A9 Display of insects and how they communicate
- A10 Insect paper mache' model
- A11 Display of "insects" we consider pests. Identify insects. (Minimum 6)
- A12 Display of insect relative and an insect and make at least six comparisons.
- A13 Insect display of leg types. Identify leg type and insect.

UNIT II – WHAT’S BUGGING YOU

**Points: Blue-8, Red-5, White-3**

LOT NO.

- B1 Collage of insects used in advertisements
- B2 Poster explaining how a certain insect got his name or what it reflects about the insect.
- B3 Display of information on entomology careers
- B4 Poster of what type of sugar bees prefer
- B5 Extractor Bottle
- B6 Insect separator
- B7 Poster on insect transmitted diseases of humans and animals
- B8 Insect trap (page 13) project manual - explain how it works

**Points: Blue-16, Red-12, White-8**

- B9 Display of insects that have complete metamorphosis
- B10 Display of insects that have an incomplete metamorphosis
- B11 Display of insects found in pinecones. Identify each.
- B12 Display of insect from one order
- B13 Halloween Insect costume (home-made)
- B14 Collection of non-insect arthropods

UNIT III – DRAGONS, HOUSES, AND OTHER FLIES

**Points: Blue-8, Red-5, White-3**

- C1 Make an insect key
- C2 Poster detailing an insect's use of pheromone
- C3 Spider web display
- C4 Write a fictional story about an insect (250-word minimum).
- C5 Display of mealworm activity
- C6 Ant farm display and notebook
- C7 List of 10 endangered insects and informational about them

**Points: Blue-16, Red-12, White-8**

- C8 Display of a butterfly garden you have grown.
- C9 Display of different insects found on beef and sheep in our area. Label and identify.
- C10 Make a collection of insect wings. Label and identify.
- C11 Display of aquatic insects. Label and identify.
- C12 Display of life stages of monarch butterfly.

**TREASURES IN 4-H  
CLASS 30**

**RULES:**

- 1. General rules apply.

UNIT I – EXPLORING THE TREASURES OF 4-H

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 A display exploring the four H's as described in chapter one page 6 and 7.

- A2 A display of the history of the United States Flag, “Old Glory”.
- A3 “My Treasure Box” from Chapter Two.
- A4 Display a supplemental activity completed from Chapter Two (from the leaders guide – Communications and Expressive Arts).
- A5 Display from Chapter Three, “Exploring my family and friends”.
- A6 Display a personalized bulletin board.
- A7 Display showing sewing buttons on a sock puppet.
- A8 Display a paper quilt.
- A9 Display a simple place setting.
- A10 Display a personal budget.
- A11 Map of your community with ten places labeled.
- A12 From 4-H, 4-H Everywhere, choose a state and create a display of information on 4-H in that state.
- A13 Display of household hazards.
- A14 Poster identifying basic types of clouds to predict the weather.
- A15 A two page scrapbook display of 4-H information in your community.
- A16 A poster showing how to wash hands to eliminate germs (from the leaders guide).
- A17 Display of your own Fire Starter (from the leaders guide).
- A18 A project collage from Chapter 6.
- A19 Display a terrarium that you created (from the leaders guide).
- A20 Display of 5 leaf prints and label each.
- A21 Any other exhibit within the Exploring the Treasures of 4-H project.

**FAMILY ADVENTURE  
CLASS 31**

**RULES:**

1. General rules apply.

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 Any exhibit regarding Family Adventures “Cooking Together”
- A2 Any exhibit regarding Family Adventures “Family Stories”
- A3 Any exhibit regarding Family Adventures “Family Fun Time”
- A4 Any exhibit regarding Family Adventures “Outdoor Adventures”
- A5 Any exhibit regarding Family Adventures “Photo Stories”
- A6 Any exhibit regarding Family Adventures “Work to be Done”
- A7 Any exhibit regarding Family Adventures “Fire Safety”
- A8 Any exhibit regarding Family Adventures “Energy Adventures”
- A9 Any exhibit regarding Family Adventures “Old Glory”
- A10 Any exhibit regarding Family Adventures “Shopping”
- A11 Any exhibit regarding Family Adventures “Family Tree”
- A12 Any exhibit regarding Family Adventures “Family Rituals”
- A13 Any exhibit regarding Family Adventures “Community Volunteering”
- A14 Any other exhibit within the Family Adventures manual

**4-H FASHION REVUE  
CLASS 32**

**RULES:**

1. Participants must have sewn part of the garment they model.

**Points: Blue-25, Red-20, White-16**

LOT NO

1. Fashion Revue

**4-H FOODS - NUTRITION  
CLASS 33**

**RULES:**

1. Canning exhibits should be in standard jars and marked with the method of processing and type of food.
2. Unless otherwise stated, food exhibits should be from scratch.
3. General rules apply.

UNIT 1 - COOKING 101

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1. Display of measuring tools
- A2. Educational display or exhibit of My Pyramid
- A3. Educational display or exhibit on food safety basics within the project level
- A4. Educational display or exhibit on kitchen safety basics within the project level
- A5. Exhibit any recipe from the “Snacks” section of the project book – include the recipe
- A6. Exhibit any recipe from the “Side Dishes” section of the project book – include the recipe
- A7. Exhibit any recipe from the “Main Dishes” section of the project book – include the recipe
- A8. Exhibit any recipe from the “Quick Breads” section of the project book – include the recipe
- A9. Exhibit any recipe from the “Desserts” section of the project book – include the recipe
- A10. Educational display or exhibit showing one of the Cooking “How To” Basics
- A11. Educational display or exhibit of ten cooking terms
- A12. Any other educational display or exhibit within the “Cooking 101” project book

## UNIT II – COOKING 201

**Points: Blue-8, Red-5, White-3**

LOT NO.

- B1. Educational display or exhibit on food safety within the project level
- B2. Educational display or exhibit on kitchen safety within the project level
- B3. Educational display or exhibit showing one of the Cooking “How To” Basics
- B4. Educational display or exhibit “Understanding nutrition facts labels”
- B5. Exhibit any recipe from the “Fruit” section of the project book – include the recipe
- B6. Exhibit any recipe from the “Vegetable” section of the project book – include the recipe.
- B7. Exhibit any recipe from the “Grain” section of the project book – include the recipe
- B8. Exhibit any recipe from the “Quick Breads” section of the project book – include the recipe
- B9. Exhibit any recipe from the “Meat” section of the project book – include the recipe
- B10. Exhibit any recipe from the “Beans” section of the project book – include the recipe
- B11. Exhibit any recipe from the “Eggs” section of the project book – include the recipe
- B12. Exhibit any recipe from the “Milk” section of the project book – include the recipe
- B13. Exhibit any recipe from the “Desserts” section of the project book – include the recipe
- B14. Educational display or exhibit of five cooking terms
- B15. Any other educational display or exhibit within the “Cooking 201” project book

## UNIT III– COOKING 301

LOT NO.

**Points: Blue-8, Red-5, White-3**

- C1. Educational display or exhibit on outdoor cooking safety
- C2. Educational display or exhibit using the Party Planning section of the project book. Be detailed.
- C3. Exhibit any recipe using a slow cooker within the “Cooking 301” project level – include the recipe.
- C4. Educational display or exhibit using one of the experiments from the “Grain Group” section of the project book.
- C5. Exhibit any recipe from the “Grain” section of the project book – include the recipe.
- C6. Exhibit any recipe from the flavored spreads in the project book – include the recipe.
- C7. Exhibit any recipe from the “Vegetable” section of the project book –include the recipe.
- C8. Exhibit any recipe from the “Fruit” section of the project book – include the recipe.
- C9. Exhibit any recipe from the “Meat” section of the project book – include the recipe.
- C10. Exhibit any recipe from the “Milk” section of the project book – include the recipe.
- C11. Exhibit any recipe from the “Desserts” section of the project book – include the recipe.
- C12. Any other educational display or exhibit with the “Cooking 301” project level.

## PARTY PLANNER

LOT NO.

**Points: Blue – 8, Red – 5, White – 3**

- D1 Exhibit showing the types of good and bad fats
- D2 Informal table setting
- D3 Exhibit two whole-wheat pancakes with fruit- with recipe (in project book)
- D4 Exhibit a 4” square of pumpkin cake with frosting (smarter/healthier choice) with recipe (in project book)
- D5 Exhibit a budget for a theme party for 50 people
- D6 Exhibit 1 ½ cups of “Orange and Almond Sweet and Sour Salad” – with recipe (in project book)
- D7 Exhibit one soft taco with homemade seasoning- with recipe (in project book)
- D8 Exhibit tracking your daily meals for five days and compare it to required amounts
- D9 Exhibit three “Easy Baked Boneless Chicken Wings” – with recipe (in project book)
- D10 Exhibit showing your favorite appetizer increased to feed 80 people. Original and increased recipes

- D11 Exhibit one cup of “Southwest snack mix” with recipe (in project book)
- D12 One serving of “Black Bean and Corn Salsa” with recipe (in project book)
- D13 Exhibit demonstrating picnic foods safety and concerns
- D14 Exhibit demonstrating the USDA’s recommended safe internal temperatures of eight different foods
- D15 Any other exhibit within the “Party Planner” project book.

#### READY, SET, GOAL: UP FOR THE CHALLENGE

##### Points: Blue – 8, Red – 5, White – 3

- E1 Chart a week long complete Physical Activity Log as described in page seven.
- E2 Display using “My Pyramid”
- E3 Poster showing proper hand washing steps
- E4 Chart showing drink consumption for two days
- E5 Display ways to promote bone health
- E6 Any display showing the importance of protein
- E7 Poster or display showing meal planning for one day
- E8 Poster or display about BMI – including factors
- E9 Exhibit showing how to balance your body’s energy needs – portion control and physical activities included.
- E10 Exhibit showing how to make healthy choices.
- E11 Exhibit showing “Label Lingo”
- E12 A breakfast dish that is healthy along with the recipe
- E13 Exhibit showing “Whoa, Slow and Go” snack foods
- E14 Poster on the importance of whole grains.
- E15 Exhibit showing comparisons with sports drinks.
- E16 Exhibit from “Searching for Truth” activity.
- E17 Exhibit showing three different types of shoes according to the activity “These Shoes Were Made For…”
- E18 Exhibit showing proper clothing and equipment for two different sports or physical activities.
- E19 Create your own advertisement for a product or physical activity.
- E20 Poster showing fat and calorie information in fast food meals from three different restaurants.
- E21 Prepare a holiday dish with one unusual ingredient. Include the recipe.
- E22 Exhibit “Step Goals” chart – use a six week commitment
- E23 Chart of “Screen Time”
- E24 Exhibit research from one unfamiliar kind of dance.
- E25 Any other exhibit from the Ready, Set, Goal project book.

#### BAKING 101

##### Points: Blue - 10, Red – 7, White - 5

- F1. Educational display or exhibit of My Plate
- F2. Educational display or exhibit of Whole Grains
- F3. Educational display or exhibit on food safety basics within the project level
- F4. Educational display or exhibit baking equipment and/or terms
- F5. Exhibit baking powder biscuits (3) - include the recipe
- F6. Exhibit any variety of muffins (2) from within the project book – include the recipe
- F7. Exhibit any variety of pancakes (2) from within the project book – include the recipe
- F8. Exhibit any variety of cookies (3) from within the project book – include the recipe
- F9. Any other educational display or exhibit within the “Baking 101” project book

#### BAKING 102

##### Points: Blue - 10, Red – 7, White - 5

- G1. Exhibit any recipe from the “Nut Bread” section of the project book (1/4 of a loaf) – include the recipe
- G2. Exhibit any recipe from the “Coffeecake” section of the project book (1/4 of a loaf) – include the recipe.
- G3. Exhibit any cookie recipe from the “Cookies and Bars” section of the project book (3 cookies) – include the recipe
- G4. Exhibit any bar recipe from the “Cookies and Bars” section of the project book – (3 bars) include the recipe
- G5. Exhibit ¼ of a loaf of Gingerbread – include the recipe
- G6. Exhibit ¼ of a loaf of Cornbread – include the recipe
- G7. Any other educational display or exhibit within the “Baking 102” project book

#### BAKING 103

##### Points: Blue - 10, Red – 7, White - 5

- H1. Educational display or exhibit on the “Goodness of Bread”.
- H2. Educational display or exhibit showing the technique for kneading bread.
- H3. Exhibit of the Fast French Bread (1/4 of loaf) – include recipe.



- H4. Educational display or exhibit showing the shaping of rolls.
- H5. Exhibit a variety of basic yeast roll dough (3 rolls) – include recipe.
- H6. Exhibit a variety of yeast bread recipes from scratch (1/4 of loaf) – include recipe.
- H7. Exhibit breadsticks (3) – include recipe
- H8. Exhibit an animal shaped bread (entire loaf) – include recipe.
- H9. Educational display or exhibit showing the experiment under “Science in Breadmaking”.
- H10. Exhibit a variety of bread made in the microwave oven – include recipe.
- H11. Exhibit a variety of bread made in a bread machine (entire loaf) – include recipe.
- H12. Any other educational display or exhibit within the “Baking 103” project book.

#### BAKING 104

##### Points: Blue - 10, Red – 7, White - 5

- I1. Educational display or exhibit from the “Cake Science” section of your project book.
- I2. Exhibit a one-crust, baked pie crust with recipe.
- I3. Educational display or exhibit from the “Let’s Experiment” with pie crust.
- I4. Educational display or exhibit from the “Let’s Experiment” with pie fillings.
- I5. Exhibit any variety of cream pie from your project book (1/4 of a pie) – include recipe.
- I6. Exhibit any variety of custard pie from your project book (1/4 of a pie) – include recipe.
- I7. Exhibit any variety of fruit pie from your project book (1/4 of a pie) – include recipe.
- I8. Exhibit any variety of meat pie (1/4 of a pie) – include recipe.
- I9. Exhibit any variety of cheese pie (1/4 of pie) – include recipe.
- I10. Any other educational display or exhibit within the “Baking 104” project book

#### CANNING AND FREEZING

##### Points: Blue – 16, Red – 13, White - 11

- J1 Exhibit related to importance of food preservation
- J2. Display detailing pH in foods and appropriate food preservation methods
- J3. Display of equipment for food preservation
- J4. Chart of foods you plan to preserve and when they are in season
- J5. Comparison of frozen apples or other fruit (treated and untreated)
- J6. Comparison of frozen beans or other vegetable (blanched and unblanched)
- J7. Applesauce made with boiling water canner
- J8. Jam made in boiling water canner
- J9. Any pickled vegetable in boiling water canner
- J10. Any food preserved through freezing
- J11. Any food preserved through freezing
- J12. Any item made in boiling water canner
- J13. Any item made in boiling water canner
- J14. Display of leadership or citizenship activity related to project
- J15. Display of science related to food preservation
- J16. Display related to history of food preservation
- J17. Display of cost analysis of buying preserved food vs. preserving at home
- J18. Display related to microorganisms destroyed in various food preservation techniques
- J19. Any other item related to the “Canning and Freezing” project

#### CAKE DECORATING

##### Points: Blue – 20, Red – 17, White - 15

- K1. Cake decorating notebook with pictures/diagrams of cakes, learning and record of expenses.
- K2. Single layer cake.
- K3. Cut up cake
- K4. Cake in a specialty pan
- K5. Smoothly frosted one-level cake
- K6. Cake or cupcake decorated with stars, flowers and leaves.
- K7. Cake decorated with borders.
- K8. Cake or cupcake decorated with writing.
- K9. Cake featuring any combination of star, pullout star, shell with start tip, shell with writing tip (beads), rosette, star pub, “c” motion, zig-zag, dots and leaf.
- K10. Cake or cupcake featuring leaves – plain leaf, standup leaf, ruffled leaf, holly.
- K11. Cake or cupcake featuring flowers – drop flowers (squeeze stars or swirl), free hand, rosette, star, variety, rosebud, sweet pea
- K12. Cake or cupcake featuring lettering - dots, fill in line with dots or lines, printing or script.

- K13. Cake or cupcake featuring any combination of combining grass, fur or hair, outline or fill-in, paper pattern, stencil applications or sugar mold.
- K14. Foam form featuring any combination of level one cake-decorating skills.
- K15. Any other item using level one cake-decorating skills.
- K16. Any other item related to cake decorating.

**4-H FORESTRY  
CLASS 34**

**RULES:**

- 1. General rules apply.

**Points: Blue-8, Red-5, White-3**

**SECTION 1**

**LOT NO.**

- 1. Activity 1: 4 photo display, mounted, dated

**SECTION 2**

- 2. Activity 1: Leaf prints, display mounted
- 3. Activity 3: Scrapbook, labeled
- 4. Activity 4: Leaf print, mounted for display
- 5. Activity 5: Plaster mold, labeled

**SECTION 3**

- 6. Activity 1: Display as instructed
- 7. Activity 2: Display as instructed
- 8. Activity 3: Display as instructed
- 9. Activity 4: Display as instructed
- 10. Activity 5: Display as instructed
- 11. Activity 6: Display as instructed
- 12. Activity 7: Display as instructed

**SECTION 4 (TRUNK GROWTH)**

- 13. Activity 1: Narrative and display
- 14. Activity 2: Labeled display
- 15. Activity 4: 3 rings, narrative (Root Growth)
- 16. Activity 1: Seedling, pressed, mounted
- 17. Activity 2: Labeled display
- 18. Activity 3: Comparison narrative

**SECTION 5**

- 19. Activity 1: Labeled diagram
- 20. Activity 4: Labeled, mounted display 4 seeds

**SECTION 6**

- 21. Activity 1: Labeled diagram
- 22. Activity 2: Poster as instructed
- 23. Activity 3: Drawing as instructed

**SECTION 7**

- 24. Activity 1: Narrative as instructed
- 25. Activity 2: Basket as instructed
- 26. Activity 3: Bird feeder as instructed
- 27. Activity 4: 6 – 10 photos, mounted as instructed
- 28. Activity 5: Wreath as instructed

**SECTION 8**

- 29. Activity 1: State trees as instructed
- 30. Activity 2: Narrative or photo as instructed

**SECTION 9**

- 31. Activity 1: Narrative
- 32. Activity 2: Narrative
- 33. Activity 3: Narrative

## SECTION 10

34. Activity 1: Map, mounted for display, as instructed
35. Activity 2: 5 core samples, labeled, mounted
36. Activity 3: Observations and answers
37. Activity 4: Sketch or picture, Narrative of observations

## SECTION 11

38. Activity 1: Narrative
39. Activity 2: Display labeled
40. Activity 3: Photo story
41. Activity 4: Narrative, observations

## 4-H HOME ENVIRONMENT CLASS 35

### **RULES:**

1. General rules apply.

### DESIGN DECISIONS: THE BASIC TOUCH, Level 1

**Points: Blue-8, Red-5, White-3**

#### LOT NO.

- A1 Your design portfolio
- A2 Your color scheme design
- A3 Exhibit showing the faux painting technique
- A4 A painting technique (other than faux) on a room accessory
- A5 Design a pattern scheme for a wall covering
- A6 Display comparing 4 different floor coverings for cost, durability, quality and care
- A7 Design and complete a rug
- A8 Display showing comparisons of two possible window treatments
- A9 Simple set of no sew curtains
- A10 Any other exhibit within "The Basic Touch, Level 1" project book.

### DESIGN DECISIONS: THE DISTINCTIVE TOUCH, Level 2

**Points: Blue 8, Red 5, White 3**

- B1 Design Portfolio
- B2 Exhibit showing the Four Basic Furniture Styles
- B3 Exhibit showing Your Floor Plan from activity one of Everyone Walks Between me and TV
- B4 Exhibit showing your personal budget for your room as described in activity three of "What a Deal".

**Points: Blue 16, Red 12, White 8**

- B5 Create a seat cover for a chair or slipcover for an upholstered piece of furniture.
- B6 Exhibit a piece of furniture made from used materials.
- B7 Exhibit an item using the marbling technique
- B8 Make a soft furnishing for your room using two or more fabrics.
- B9 Exhibit a pillow you made for your room
- B10 Exhibit a curtain or valance you made for you room
- B11 Storage item you made for your room
- B12 Cleaning or stain removal kit
- B13 Any other exhibit within "The Distinctive Touch, Level 2" project book

### DESIGN DECISIONS: THE FINISHING TOUCH, Level 3

**Points: Blue 8, Red 5, White 3**

- C1 Design Portfolio
- C2 Any accessory you have made for a room
- C3 Exhibit a wall arrangement
- C4 Exhibit a tabletop display
- C5 Create your own lamp
- C6 Exhibit showing appropriate lighting
- C7 Create a folding screen for privacy
- C8 Any other exhibit within "The Finishing Touch, Level 3" project book

### DESIGN DECISIONS: THE ENVIRONMENTAL TOUCH, Level 4

**Points: Blue 8, Red 5, White 3**

- D1 Design Portfolio
- D2 An energy assessment of your home
- Points: Blue 16, Red 12, White 8**
- D3 Model of an energy efficient home
- D4 An exhibit showing a design of your landscape to protect your home from the hot summer sun and the cold winter wind.
- D5 Exhibit showing water waste and prevention in the home.
- D6 Model of a solar home
- D7 Model of a solar hot water heater
- D8 Create a model of a wind turbine
- D9 An item you have made from recycled material
- D10 Develop a recycling center for your home.
- D11 Exhibit showing house comparisons in at least four different places in the world.
- D12 Exhibit showing your “Environmental or Ecological Footprint”.
- D13 Any other exhibit within “The Environmental Touch, Level 4” project book.

HOME ENVIRONMENT – INDEPENDENT STUDY

**Points: Blue 8, Red 5, White 3**

- E1 Design Portfolio
- E2 Any exhibit you have created in the Independent Study

**LEADERSHIP  
CLASS 36**

**RULES:**

1. General rules apply.

LEARNING TO LEAD – LEADERSHIP, LEVEL ONE

**Points: Blue 8, Red 5, White 3**

LOT NO.

- A1 An educational display or exhibit from the “Leadership” chapter of the project manual.
- A2. An educational display or exhibit from the “Knowing Self” chapter of the project manual.
- A3. An educational display or exhibit from the “Decision Making” chapter of the project manual.
- A4. An educational display or exhibit from the “Communication” chapter of the project manual.
- A5. An educational display or exhibit from the “Teamwork” chapter of the project manual.
- A6. An educational display or exhibit from the “Service” chapter of the project manual.
- A7. An educational display or exhibit of your “plan of action.”

LEADING TO LEARN – LEADERSHIP, LEVEL TWO

**Points: Blue 8, Red 5, White 3**

LOT NO.

- B1. An educational display or exhibit from the “Leadership” chapter of the project manual.
- B2. An educational display or exhibit from the “Knowing Self” chapter of the project manual.
- B3. An educational display or exhibit from the “Decision Making” chapter of the project manual.
- B4. An educational display or exhibit from the “Communication” chapter of the project manual.
- B5. An educational display or exhibit from the “Teamwork” chapter of the project manual.
- B6. An educational display or exhibit from the “Service” chapter of the project manual.
- B7. An educational display or exhibit of your “plan of action.”

**LEATHER  
CLASS 37**

**RULES:**

1. General rules apply.

UNIT I

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 Bag or luggage tag
- A2 Simple Wallet
- A3 Bookmark
- A4 Coaster
- A5 Coin Purse
- A6 Dog Collar

- A7 Key case or Fob
- A8 Knife Sheath
- A9 Card Holder
- A10 Watchband or wristband
- A11 Belt
- A12 Hair Barrette
- A13 Visor
- A14 Simple cell phone case
- A15 Money Clip
- A16 Any other within Leather I project

#### UNIT II

**Points: Blue-8, Red-5, White-3**

- B1 Billfold (wallet or pocket secretary)
- B2 Eyeglass Case
- B3 Checkbook cover
- B4 I.D. and picture case
- B5 Knife Pouch
- B6 Knife Sheath
- B7 Small purse
- B8 Belt Buckle
- B9 Tool/Flashlight Case
- B10 Key case
- B11 Exhibit or display of tools and materials used in this level.
- B12 Any other within Leather 2 project

#### UNIT III

**Points: Blue-16, Red-12, White-8**

- C1 Chair Seat
- C2 Belt
- C3 Belt/holster or Holster
- C4 Book Cover
- C5 Notebook
- C6 Pistol Caddy
- C7 Purse
- C8 Rifle Sling
- C9 Phone Case
- C10 CD Case
- C11 Wallet
- C12 Guitar Strap
- C13 I-pod Case
- C15 Any other within Leather 3 project

#### UNIT IV

**Points: Blue-16, Red-12, White-8**

- D1 Belt - figure carving
- D2 Wallet - figure carving
- D3 Book Cover - figure carving
- D4 Handbag
- D5 Belt with embossing
- D6 Belt with filigree work
- D7 Wallet with embossing
- D8 Wallet with filigree work
- D9 Book Cover with embossing
- D10 Book Cover with filigree work
- D11 I-pod case
- D12 Cell phone case
- D13 Any other within Leather 4 project

#### UNIT V

**Points: Blue-16, Red-12, White-8**

- E1 Article using advanced carving skill
- E2 Article using solid color dyeing

- E3 Article using block dyeing
- E4 Article using shade dyeing
- E5 Article using airbrush technique
- E6 Any other within Leather 5 project

UNIT VI

**Points: Blue-20, Red-14, White-8**

- F1 Framed or mounted carved leather picture/portrait
- F2 Framed or mounted carved leather scene picture
- F3 Any other Leather pictorial item

UNIT VII

**Points: Blue-25, Red-20, White-16**

- G1 Completed saddle from kit
- G2 Completed saddle - rebuilt
- G3 Completed saddle - custom built

UNIT VIII

**Points: Blue-20, Red-14, White-8**

- H1 Article using creative stamping
- H2 Matching set using creative stamping
- H3 Article using basket weave
- H4 Any other Leather 8 exhibit

UNIT IX

**Points: Blue-20, Red-14, White-8**

- J1 Article or matching set using expanded leather technique
- J2 Article or matching set using braiding
- J3 Article or matching set leather sculpture
- J4 Leather collage
- J5 Any other Leather 9 exhibit

UNIT X

**Points: Blue-20, Red-14, White-8**

- K1 Garment made of leather
- K2 Garment made of suede
- K3 Leather footwear
- K4 Case (ex: suitcase, briefcase) made of leather
- K5 Furniture
- K6 Any other Leather 10 exhibit

**4-H PHOTOGRAPHY  
CLASS 38**

**RULES:**

1. All pictures may be in a photo album or mounted on poster board (at least 14" x 22") except were noted.
2. Please note type of camera used.
3. Photos must be taken within the current 4-H year.
4. All photos must be taken by the 4-H member who is enrolled in the project.
5. Different pictures must be submitted for each lot number.
6. Photos may be black and white or color.
7. Entry tag must be securely fastened to each exhibit.

UNIT 1 – FOCUS ON PHOTOGRAPHY

**Points: Blue – 8, Red – 5, White - 3**

LOT NO.

- A1 Poster showing parts of a camera.
- A2 Keep It Steady, Keep It Level - Display 6 of your best photos, showing “right and wrong” ways to use your camera.
- A3 Light Makes a Difference – Display 6 photos that show the effects of changing light. Label each photo with the date, time of day and weather.
- A4 Fun With Shadows – Display two photos of “Shadow shapes” and three more photos showing how the shadow can grow over time. Label each photo with the date and time of day.
- A5 Directing The Light – Display 4 photos showing front, back, side and top lighting. Label each photo.
- A6 Flash For More Light – Display 3 photos using a flash – none with red eye.
- A7 What Do You See? – Display of 4 photos: One landscape with foreground, middle ground and background, labeled and

one landscape with a foreground object that frames the photo.

- A8 Photograph With Your Feet – Display of photos of the same subject from three different distances and label each distance.
- A9 What’s The Point – Display 3 of your best uncluttered pictures (containing no more than 3 items in each photo). Write the focal point under each picture.
- A10 Birds or Bugs Eye View - Display of 4 photos from a bird’s or bug’s eye view labeling the point of view.
- A11 Hat Tricks and Magic – Display of 4 trick or magic photos with a title.
- A12 Photo Story - Display of 4 to 6 photos telling a story. “Tell the story”
- A13 Black and White - Display of 4 black and white photos of different subjects.
- A14 Best matted 4 X 6 photo. Not on poster board.
- A15 Any other display within the Focus on Photography project.

## UNIT II – CONTROLLING THE IMAGE

### Points: Blue-8, Red-5, White-3

- B1 You Take Control – Display of 6 photos showing different aperture settings.
- B2 What’s In Focus – Display of 6 photos comparing depth of field.
- B3 Low Light Challenges – Display of 4 “low light” photos.
- B4 Lighting The Mood – Display of 4 photos, 2 showing hard and 2 showing soft light.
- B5 The Shadows Story – Display of 4 silhouette photos.
- B6 Lighting In A Flash – Display of 4 photos using a flash.
- B7 The Rule Of Thirds – Display of 3 photos: close up, medium and long shot – describe each focal point with rule of thirds.
- B8 Golden Photo – Display of 3 photos: golden triangle, golden rectangle and other. Label each one.
- B9 Building A Photo – Display of 4 photos of the same subject from different points of view.
- B10 The Space Tells A Story – Exhibit one photo showing good use of positive and negative space.
- B11 Capture A Candid Photo – Display 4 candid photos. List composition elements of each photo.
- B12 Freeze The Moment – Exhibit of 2 photos from two shutter speeds and label each.
- B13 Panning The Action – Exhibit of 1 panning and 1 blurring motion photo.
- B14 Bits And Pieces – Exhibit of 4 bits and pieces and identify each.
- B15 Panoramas – Exhibit of your attempt at a panoramic print. Show the steps.
- B16 Best matted 5 X 7 photo. Not on poster board.
- B17 Best matted 8 X 10 photo. Not on poster board.
- B18 Any other educational exhibit within the Controlling The Image Level 2 project

## UNIT III – MASTERING PHOTOGRAPHY

### Points: Blue-8, Red-5, White-3

- C1 Selecting A Lens – Exhibit 4 photos, 2 using wide angle and 2 using telephoto – note your aperture and shutter speed.
- C2 Special Effects – Display of 3 photos using different filters and label.
- C3 Exposed To The Light – Display 3 photos in bright light. Include one overexposed and one underexposed.
- C4 Flashy Photos – Display of 2 photos with added light.
- C5 Out Of The Light – Display of 4 photos with out flash
- C6 Reflections – Display of 2 reflection photos.
- C7 Through The Lens – Display of 4 photos with drawing to show lines, angles, or frames.
- C8 Harmony Or Discord – Display of 4 photos that break the rules of composition. Write a sentence about the rule that was broken.
- C9 Still-Life Photography – Display 2 series of 3 photos in each, showing different arrangements and techniques.
- C10 Say Cheese – Display 1 formal and 1 informal portrait that captures your subject.
- C11 Mastering Composition – Display of 4 photos, 1 from each collection and labeled.
- C12 Expression Through Color – Display 3 photos that illustrate monochromatic, contrasting and complementary color techniques.
- C13 Details, Details – Display 4 photos highlighting details in the topic.
- C14 Pictures With A Purpose – Display 4 to 6 photos in a brochure format.
- C15 How Did They Get That Picture? – Display 4 to 6 photos taken with specialized equipment.
- C16 Best matted 4 X 6 photo. Not on poster board.
- C17 Best matted 8 X 10 photo. Not on poster board
- C18 Any other display related to the Mastering Photography Level 3 project.

## UNIT IV – MAKING VIDEOS AND MOVIES

### Points: Blue-20, Red-14, White-8

- D1 Video Entry

## INDEPENDENT STUDY

### Points: Blue-16, Red-12, White-8

- E1 Idea from Project Manual

- E2 Idea from Project Manual
  - E3 Any Other Photography Independent Study
- OPEN TO ANY 4-H PHOTOGRAPHY MEMBER

**Points: Blue-8, Red-5, White-3**

- F1 Exhibit an 8 x 10 black and white or color enlargement mounted on an 11 x 24 white poster board of your opinion in terms of composition, human interest, appeal and quality; Unit I through IV can exhibit in this lot.

### **POWER EQUIPMENT CLASS 39**

**RULES:**

1. General rules apply.

**UNIT I – CRANK IT UP**

**Points: Blue-8, Red-5, White-3**

**LOT NO.**

- A1 Educational poster on maintenance, operation, or safety
- A2 Any other within project

**UNIT II – WARM IT UP**

- B1 Portfolio - collection of notes, drawings, and pictures
- B2 Safety Poster
- B3 Poster or display on Types of Drives
- B4 Viscosity and proper uses - display or poster
- B5 Any Other

**UNIT III – TUNE IT UP**

- C1 Portfolio - notes, drawings and pictures
- C2 Poster - Types of carburetors (descriptive)
- C3 A sharpened and balanced blade
- C4 Poster - pollutants and sources
- C5 Poster - Air pollution Laws and Regulations
- C6 Any Other

### **4-H RANGE MANAGEMENT CLASS 40**

**RULES:**

1. General rules apply.

**INTRODUCTION TO RANGE MANAGEMENT**

**Points: Blue-16, Red-12, White-8**

- A1 Picture poster showing the stages of succession
- A2 Poster illustrating the water cycle
- A3 Display of a historical timeline related to U.S. rangeland uses
- A4 Any educational display related to what you have learned in this Project.

**UNIT I – YOUTH RANGE MANUAL**

**Points: Blue-16, Red-12, White-8**

- B1 Plant lesson and Anatomy notebook
- B2 Plant Press
- B3 Any other within Youth Range project

**UNIT II – YOUTH RANGE MANUAL**

**Points: Blue-16, Red-12, White-8**

- C1 Continuation of Lesson and anatomy notebook
- C2 Plant Collection from Lesson 8
- C3 Plant Press
- C4 Any other within Youth Range 2 project

**UNIT III – YOUTH RANGE MANUAL**

**Points: Blue-20, Red-16, White-8**

- D1 Continuation of Lesson and anatomy notebook
- D2 Continuation of plant collection (add 17)
- D3 Soil Profile



D4 Any other within Youth Range 3 project

#### UNIT IV – YOUTH RANGE MANUAL

**Points: Blue-20, Red-16, White-8**

- E1 Continuation of Project lesson notebook
- E2 Plant root development - poster or display
- E3 Develop a simple dichotomous key
- E4 Any other within Youth Range 4 project

#### UNIT V – YOUTH RANGE MANUAL

**Points: Blue-20, Red-16, White-8**

- F1 Three ring notebook which includes manual, outline, and report.
- F2 Soil activity
- F3 Plants activity
- F4 Animals activity
- F5 Range management activity
- F6 Leadership/citizenship activity
- F7 Multiple use activity

#### UNIT VI – INDEPENDENT STUDY

**Points: Blue-20, Red-16, White-8**

- G1 Independent study entry

### 4-H SELF DETERMINED CLASS 41

#### **RULES:**

1. Only one exhibit per member in this lot number.
2. General rules apply.

**Points: Blue-20, Red-14, White-8**

#### LOT NO.

1. Educational exhibit. Exhibit must include a notebook, which includes the "Self Determined" project book, a written report, and a display of project. Only 1 exhibit may be entered per member in the Self Determined project.

### 4-H SHOOTING SPORTS CLASS 42

#### **RULES:**

1. Targets/score sheets must be turned into the office by **July 17th** at 5:00 p.m.
2. Target should be marked as to a 977 or 853.
3. General rules apply.

#### PISTOL

**Points: Blue-8, Red-5, White-3**

#### LOT NO.

- A1. An educational display showing pistol safety.
- A2. An educational display showing and explaining the parts of a pistol.
- A3. One pistol target (5 shots per target).
- A4. An educational display showing shooting positions and aiming techniques.
- A5. Any other exhibit within the pistol project.

#### AIR RIFLE

**Points: Blue – 8, Red – 5, White – 3**

#### LOT NO.

- B1. An educational display showing rifle safety
- B2. An educational display showing and explaining the parts of a rifle
- B3. An educational display showing three types of magazines or sights
- B4. An educational display showing the four proper shooting positions
- B5. One rifle target shot from the prone position
  - a. 853 model. Two shots per bulls eye per position. Total 30 shots
  - b. 977 model. Ten shots per position. Total 30 shots.
- B6. Any other exhibit within the Air Rifle project.

## ARCHERY

**Points: Blue – 8, Red – 5, White 3**

LOT NO.

- C1. An educational display showing archery safety
- C2. An educational display showing and explaining the parts of a bow and an arrow.
- C3. An educational display showing the ten steps of Bow Shooting.
- C4. One archery score sheet
- C5. Any educational display showing bow maintenance and storage.
- C6. Any other exhibit within the Archery project.

## SHOTGUN

**Points: Blue – 8, Red – 5, White – 3**

LOT NO.

- D1. An educational display showing shotgun safety
- D2. An educational display showing and explaining the parts of a shotgun.
- D3. An educational display showing three types shotgun shells and shot sizes.
- D4. An educational display explaining three types of shotgun “Chokes.”
- D5. One shotgun score sheet.
- D6. Any educational display showing gun cleaning and storage.
- D7. Any other exhibit within the Shotgun project.

## HUNTING

**Points: Blue – 8, Red – 5, White – 3**

LOT NO.

- E1. An educational display showing hunting safety
- E2. An educational display showing the role of hunting in wildlife conservation and management
- E3. An educational display showing the social and economic values of hunting.
- E4. Draw or design your own hunting stand or blind. Make a model of it for display.
- E5. Any other educational exhibit with the hunting project.

### **SHORT TERM (County Project)**

#### **CLASS 43**

#### **RULES:**

1. Only one exhibit per member in this lot number.
2. General rules apply.

**Points: Blue-8, Red-5, White-3**

LOT NO.

1. Educational exhibit. Exhibit must include the project objects and a brief report on project. Only 1 exhibit may be entered per member in the Short Term project.

### **4-H VEGETABLE GARDEN**

#### **CLASS 44**

#### **RULES:**

1. ALL vegetables must be placed on plates/trays and in zip-lock bags for exhibit.
2. Foliage on flowers should be removed unless it enhances blossom.
3. Vases/containers must be provided by the exhibitor, NO FOAM CUPS. The containers will not be considered in the judging, except as to how it compliments the exhibit.
4. Vegetable exhibits that DO NOT contain the required number of vegetables will be disqualified.
5. Exhibits will be judged for uniformity, maturity, varietal characteristics, and freedom from disease, insects, and injury.
6. For fair exhibits, exhibitors must use only flowers/vegetables grown in their family garden.
7. Exhibit no more than 30 items per level.
8. Displays should be neat and attractive.

## SEE THEM SPROUT! LEVEL A

**Points: Blue - 8, Red-5, White-3**

LOT NO.

1. Display of your garden plan.
2. Display or exhibit of garden tools.

3. Display or exhibit of seed germination.
4. Display of plant parts and what each part does.
5. Exhibit of your container garden.
6. Display or exhibit of terrarium.
7. Display or exhibit showing garden pests.
8. Beans, string green (6)
9. Beans, string yellow (6)
10. Beets, table (3)
11. Broccoli (1 stalk & head)
12. Cabbage, green (1)
13. Cabbage, red (1)
14. Carrots (3)
15. Cucumbers, slicing (3)
16. Cucumbers, pickling (3)
17. Dill (3 heads)
18. Kohlrabi purple (3)
19. Kohlrabi, green (3)
20. Lettuce (1 head)
21. Lettuce (1 bunch)
22. Onion, red (3)
23. Onion, white (3)
24. Onion, yellow (3)
25. Onion, green (3)
26. Peas, green in pod (6)
27. Peppers, green (2)
28. Peppers, red (2)
29. Potatoes, red (3)
30. Potatoes, white (3)
31. Radish (6)
32. Rhubarb (3 stalks)
33. Spinach (3 plants)
34. Celery
35. Sweet corn (3 ears)
36. Squash, buttercup (1)
37. Squash, zucchini
38. Squash any other (1)
39. Tomatoes, red (3)
40. Tomatoes, green (3)
41. Tomatoes, yellow pear
42. Tomatoes, cherry (6)
43. Cauliflower (1 head)
44. Parsnips (3)
45. Rutabaga (3 plants)
46. Swiss chard (3 plants)
47. Turnips (3)
48. Sunflower (1 head)
49. Any other item related to project level.

#### LET'S GET GROWING, LEVEL B

##### **Points: Blue-8, Red-5, White-3**

50. Any exhibit or display showing Tropism.
51. Any exhibit or display showing how to grow plants from plant parts.
52. A display of an Earthworm box and explain how they are beneficial to a garden.
53. A display of a compost.
54. Beans, string green (6)
55. Beans, string yellow (6)
56. Beets, table (3)
57. Broccoli (1 stalk & head)
58. Cabbage, green (1)
59. Cabbage, red (1)
60. Carrots (3)
61. Cucumbers, slicing (3)

62. Cucumbers, pickling (3)
63. Dill (3 heads)
64. Kohlrabi, purple (3)
65. Kohlrabi, green (3)
66. Lettuce (1 head)
67. Lettuce (1 bunch)
68. Onions, red (3)
69. Onions, white (3)
70. Onions, yellow (3)
71. Onions, green (3)
72. Peas, green in pod (6)
73. Peppers, green (2)
74. Peppers, red (2)
75. Potatoes, red (3)
76. Potatoes, white (3)
77. Radishes (6)
78. Rhubarb (3 stalks)
79. Spinach (3 plants)
80. Celery
81. Sweet corn (3 ears)
82. Squash, buttercup (1)
83. Squash, zucchini (1)
84. Squash, any other (1)
85. Tomatoes, red (3)
86. Tomatoes, green (3)
87. Tomatoes, yellow pear (6)
88. Tomatoes, cherry (6)
89. Cauliflower (1 head)
90. Parsnips (3)
91. Rutabaga (3 plants)
92. Swiss Chard (3 plants)
93. Turnips (3)
94. Sunflower (1 head)
95. Asparagus (6 spears)
96. Quart of dried beans
97. Brussel sprouts (3)
98. Eggplant (1)
99. Muskmelon (1)
100. Pumpkin (1)
101. Watermelon
102. Any other item related to project level

#### TAKE YOUR PICK, LEVEL C

**Points: Blue-8, Red-5, White-3**

#### LOT NO.

103. A display or exhibit an herb or herb garden.
104. Display of soil sampling and testing.
105. Display explaining the two types of planting (broadcast and succession).
106. Display explaining what the pH is in your soil and its value.
107. Display or exhibit understanding photosynthesis.
108. Display of flower pollination.
109. Display of pest management.
110. Display of animal pest management.
111. Display of 5 common weeds and management.
112. Display of preserved produce from your garden.
113. Display of preserved produce from your garden.
114. Display of horticulture careers.
115. Beans, string green (6)
116. Beans, string yellow (6)
117. Beets, table (3)
118. Broccoli (1 stalk & head)
119. Cabbage, green (1)
120. Cabbage, red (1)

121. Carrots (3)
122. Cucumbers, slicing (3)
123. Cucumbers, pickling (3)
124. Dill (3 heads)
125. Kohlrabi, purple (3)
126. Kohlrabi, green (3)
127. Lettuce (1 head)
128. Lettuce (1 bunch)
129. Onions, red (3)
130. Onions, white (3)
131. Onions, yellow (3)
132. Onions, green (3)
133. Peas, green in pod (6)
134. Peppers, green (2)
135. Peppers, red (2)
136. Potatoes, red (3)
137. Potatoes, white (3)
138. Radishes (6)
139. Rhubarb (3 stalks)
140. Spinach (3 plants)
141. Celery
142. Sweet corn (3 ears)
143. Squash, buttercup (1)
144. Squash, zucchini (1)
145. Squash, any other (1)
146. Tomatoes, red (3)
147. Tomatoes, green (3)
148. Tomatoes, yellow pear (6)
149. Tomatoes, cherry (6)
150. Cauliflower (1 head)
151. Parsnips (3)
152. Rutabaga (3 plants)
153. Swiss Chard (3 plants)
154. Turnips (3)
155. Sunflower (1 head)
156. Asparagus (6 spears)
157. Quart of dried beans
158. Brussel sprouts (3)
159. Eggplant (1)
160. Muskmelon (1)
161. Pumpkin (1)
162. Watermelon
163. Any other item related to project level

#### GROWING FOR PROFITS, LEVEL D

**Points: Blue-8, Red-5, White-3**

##### LOT NO.

164. Display of a raised bed.
165. Display of intercropping.
166. Display or exhibit of double-cropping.
167. Display or exhibit showing the effects of pollution on plants.
168. Display or exhibit of hydroponic project.
169. Display identifying plant diseases.
170. Display explaining pesticide issues.
171. Display of preserved produce from your garden.
172. Display of preserved produce from your garden.
173. Display of basic research.
174. Display of applied research.
175. Any other exhibit or display within this level.

**4-H WEEDS  
CLASS 45**

**RULES:**

1. General rules apply.

**UNIT I – WEED WISE**

**Points: Blue-16, Red-12, White-8**

LOT NO.

- A1 Plant Press
- A2 Collection of 25 or more weeds
- A3 Display of four or more leaf types
- A4 Flower Anatomy Poster
- A5 Display of three root types
- A6 Noxious Weeds “Awareness Book”
- A7 Display on how weeds travel
- A8 Photograph display or video on Activity 6
- A9 Display on weeds for consumption
- A10 Ornamental decoration from weeds

**UNIT II – WEEDS ON THE MOVE**

- B1 Poster of 8 poisonous weeds w/pictures
- B2 Plant mounts of 8 poisonous weeds
- B3 Poster of 10 roadside weeds with pictures
- B4 Plant mounts of 10 roadside weeds
- B5 Map of an area showing where two species of weeds grow
- B6 Poster/display showing biological control plan for leafy spurge. Include life cycle, biological control agents, etc. that are used. If in second year, should include results of your plan and pictures.
- B7 Poster/display of 10 different weed seeds with name of plant and category of dispersal.
- B8 Poster displaying how weeds affect a garden.
- B9 Poster of burdock with parts of plants labeled and uses of burdock

**UNIT III – WEED-N-SEED**

- C1 Poster/display with types of vegetation found in hooped area from two different sites. One that is heavily infested with a single weed species and one that is not.
- C2 Poster/display AUM analyzer results in a weedy and non-weedy pasture.
- C3 Poster/display on how to be a certified weed-seed-free hay grower
- C4 Poster/display 10 weed related jobs and brief descriptions of each job
- C5 Display of protective equipment used to prevent exposure to herbicides
- C6 Display of 3 flats of wheat and radish seeds showing results of use of Round-Up, 2 4-D, and one unsprayed flat.
- C7 Poster showing eight areas on body and protective equipment for that area.

**4-H WILDLIFE PROJECT  
CLASS 46**

**RULES:**

1. General rules apply.

**4-H WILDLIFE**

**Points: Blue 16, Red – 12, White -8**

LOT NO.

- A1 Any educational display or exhibit showing the three general habitats and four animals that live in each.
- A2 Any educational display or exhibit showing five animals in each of the herbivore, carnivore, and omnivore groups.
- A3 Any educational display or exhibit showing facts about five animals.
- A4 Any educational display or exhibit showing the home range of five animals.
- A5 Any educational display or exhibit showing the name of 12 animals and the name for their young.
- A6 Any educational display or exhibit showing three food chains with four or more links in each.
- A7 Any educational display or exhibit showing information from section 9 – Bird Feeder Observations.
- A8 Any educational display or exhibit showing information from section 10-FeedBirdbath Observations.
- A9 Any educational display or exhibit showing information from section 11 – Feeding Hummingbirds.
- A10 Any educational display or exhibit using three species and your observations of each.
- A11 Any educational display or exhibit of 10 wildlife terms and their meanings.

A12 Any educational display or exhibit within the 4-H Wildlife Manual.

**4-H WOODWORKING  
CLASS 47**

**RULES:**

1. All projects homemade, not kits.
2. General rules apply.

**UNIT I – MEASURING UP**

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 Sandpaper block
- A2 Simple Wood Puzzle
- A3 Wood airplane
- A4 A wood box
- A5 A letter holder
- A6 Picture Frame
- A7 Cutting board
- A8 Bird House or Bird Feeder
- A9 A target
- A10 A napkin holder
- A11 A desk organizer
- A12 An equipment box
- A13 Coat rack
- A14 An educational display or poster showing anything related to the woodworking within this project level
- A15 Any other within Woodworking I project

**UNIT II – MAKING THE CUT**

**Points: Blue-16, Red-12, White-8**

- B1 Toolbox
- B2 A birdhouse
- B3 A sawhorse
- B4 A wood whistle
- B5 Foot or step stool
- B6 A picture frame
- B7 A shelf
- B8 A target
- B9 A book case
- B10 A lamp
- B11 A flower box or pot
- B12 Two ornaments
- B13 A bank
- B14 A spool rack
- B15 Any other within Woodworking II project

**UNIT III – NAILING IT TOGETHER**

**Points: Blue-16, Red-12, White-8**

- C1 Boomerang
- C2 Belt buckle
- C3 Wood Puzzle (at least 20 pieces)
- C4 Book Shelf
- C5 Step Stool
- C6 End table
- C7 Table
- C8 Work Bench
- C9 Night Stand
- C10 Toy (ex: car, truck)
- C11 Jewelry Case
- C12 Whirligig
- C13 Picnic Table
- C14 Storage Cabinet
- C15 Any other within Woodworking III project

#### UNIT IV – FINISHING UP

**Points: Blue-20, Red-16, White-12**

LOT NO.

- D1 A wood vehicle
- D2 A table hockey game
- D3 A step stool
- D4 Toy Animal
- D5 Door knocker
- D6 Cabinet
- D7 Desk
- D8 Patio Chair
- D9 Wood Bird
- D10 Chair
- D11 Cedar Chest
- D12 Desktop nameplate
- D13 Family organizer
- D14 Swing Set
- D15 Any other within project level

#### WOOD INDEPENDENT STUDY

**Points: Blue-20, Red-16, White-12**

- E1. Display of objects (or picture of objects) and notebook telling about your independent study unit
- E2. Any other within project level

### FFA FARM MECHANICS CLASS 48

**Points: Lots 1-14 Blue-8; Red-5; White-3**

**Lots 15 – 21 Blue – 20, Red – 14, White - 8**

LOT NO.

- 1. Tool sharpening (5 different types of cutting edges mounted)
- 2. Rope Board (Display of knots and splices)
- 3. Rope Work (Display using practical application)
- 4. Electric Wiring (Display board showing 3-way; 4-way; simple switches and outlets)
- 5. Electrical Wiring Project (a practical wiring project)
- 6. Hard Surface project (practical application)
- 7. Welding repair (practical application) (Arc, Acetylene or Bronze)
- 8. Five or more Electrical Arc Welds (Display board)
- 9. Five or more Acetylene Welds (Display board)
- 10. Five or more bronze welds (Display board)
- 11. Small project (wood)
- 12. Small project (metal)
- 13. Tool Chest
- 14. Any other small shop project
- 15. Poultry equipment
- 16. Livestock equipment
- 17. Large wood working project
- 18. Large metal working project
- 19. Advanced electrical project
- 20. Teaching device
- 21. Any other advanced from mechanic exhibit

### FFA PLANTS & SOIL SCIENCE CLASS 49

#### **RULES:**

- 1. General rules apply.

#### UNIT I: POSTER OR NOTEBOOK SHOWING:

**Points - Blue-8; red-5, white-3**

LOT NO.

- 1-A Plant reproduction



- 1-B Soils
- 1-C Plant growth factors
- 1-D Plant characteristics
- 1-E Growing & using plants
- UNIT II: POSTER OR NOTEBOOK SHOWING:
- 2-A Plant reproduction
- 2-B Soils
- 2-C Plant growth factors
- 2-D Plant characteristics
- 2-E Growing & using plants
- 2-F Combination of two or more of the above listed

- UNIT III: SHEAF GRAIN
- 3-A Spring wheat, any variety
- 3-B Winter wheat, any variety
- 3-C Oats, any variety
- 3-D Barley, any variety
- 3-E Flax, any variety
- 3-F Safflower, any variety
- 3-G Sunflower, any variety
- 3-H Other

**FFA PLANTS & SOIL SCIENCE  
CLASS 50**

**RULES:**

- 1. General Rules Apply.

**RANGE: WHAT IS IT?**

**Points: Blue-16; Red-12; White-8**

**LOT NO.**

- 1-A Collection of twelve range grasses, six range forbs (broad leaf weedy plants) and four range shrubs or browse plants, dried
- 1-B Homemade plant press

**RANGE PLANT USE**

- 2-A Collection of 50 important range plants - press dried, mounted, and labeled. May include previous year's collection above.

**RANGE CONDITION AND SITE**

- 3-A Display of charts showing abundance of various range plants on range in good condition and one range in poor condition, together with scale drawings of a ranch unit, showing corrals, fences, salting places, watering places, and problem areas.

**RANGE SITE UTILIZATION**

- 4-A Display of an important range management plan in operation. Photographs, models, charts, record books, etc. may be used.

**RANGE ADVANCED**

- 5-A Notebook showing actual range records.

**SPORT FISHING  
CLASS 51**

**RULES:**

- 1. To exhibit in this category, you must be currently enrolled in one skill level of the Sport Fishing project. Project books and records are not to be exhibited.
- 2. General rules apply.

**UNIT I – TAKE THE BAIT**

**Points: Blue-8, Red-5, White-3**

**LOT NO.**

- A1 A display of at least three different types of lures and/or fishing knots.
- A2 A display of at least three rigging systems.
- A3 A display of your fishing log or casting log.
- A4 A display of common fishing tackle.
- A5 An educational display of a water cycle.
- A6 An educational display about what you have learned of different type of fish.
- A7 An educational display of internal and external fish parts.
- A8 A display of at least three different species of fish.

A9 Any other display within the “Take the Bait” project manual.

#### UNIT II – REEL IN THE FUN

**Points: Blue-8, Red-5, White-3**

LOT NO.

- B1 An educational display comparing the different types of casting techniques.
- B2 An educational display of at least six intermediate fishing knots,
- B3 An educational display showing your favorite fish recipes (at least two).
- B4 An educational display of the State’s fishing regulations using four different species of fish found in your area.
- B5 Exhibit of your own hand-made fishing wallet
- B6 Exhibit a bottle trap that you have built and show the aquatic life you found in the trap.
- B7 A poster of a spinning reel parts and identify them.
- B8 Display showing the four different types of reels.
- B9 An educational display showing a new fish species that you have created.
- B10 Any other educational display within the “Reel in the Fun” level two project manual.

#### UNIT III – CAST INTO THE FUTURE

**Points: Blue-8, Red-5, White-3**

LOT NO.

- C1 Display a short story written by you about a fishing experience.
- C2 Display a photo story showing a reel that you cleaned and label the parts.
- C3 Display of six flies and/or lures you have made from materials you have collected.
- C4 Display a kick net that you have built and how to use it.
- C5 An educational display showing five or more flies that look like the insects fish like to eat and a fact about each.
- C6 Display showing research on a sport fishing related career.
- C7 An educational display showing a controversial current topic related to fishing or the fish industry.
- C8 A display of a field journal of a fishing experience.
- C9 Any other display within the “Cast into the Future” level three project manual.

### **LIVESTOCK JUDGING (County Project) CLASS 52**

**RULES:** General Rules Apply.

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 Poster with pictures
- A2 Livestock Judging Scrapbook
- A3 Any other

### **COWBOY POETRY CLASS 53**

**RULES:** General Rules Apply

**Points: Blue-8, Red-5, White-3**

LOT NO.

- A1 A poster showing what you have learned about cowboy poetry
- A2 Display of at least 3 original poems written by you during the current year
- A3 Display of examples of cowboy poetry you have found in your local library
- A4 A photo story of your participation in a cowboy poetry gathering
- A5 Any educational display related to what you have learned in this project

### **4-H OUTDOOR ADVENTURES CLASS 54**

**RULES:** General Rules Apply

HIKING TRAILS – UNIT I

**Points: Blue – 8, Red – 5, White - 3**

LOT NO.

- A1 Poster showing your plan for a day hike.
- A2 Backpack containing essential items for a day hike.
- A3 Poster showing the four different ways your body can lose body heat.
- A4 Poster showing the “Layering Principle”.
- A5 First aid kit for a day hike.
- A6 Poster or display relating to “Leave No Trace”.
- A7 Homemade Compass.

- A8 Display of pictures showing different plants and animals found on your hike.
- A9 Any other educational display within the Hiking Trails project.

#### CAMPING ADVENTURES – LEVEL TWO

**Points: Blue – 8, Red – 5, White – 3**

- B1 Notebook showing the planning done for an overnight base-camping trip.
- B2 Poster showing the type of gear you would choose on a camping trip in the Spring, Summer, Winter and Autumn.
- B3 Poster or display of 6 different types of knots: two each from the stopper, joiner and hitches knots and what each is used for.
- B4 Create a poster or display about six different types of shelters.
- B5 Poster showing six safety tips for lighting a camp stove.
- B6 A display showing three ways in which to purify drinking water.
- B7 Any other educational display within the Camping Adventures project.

#### BACKPACKING EXPEDITIONS – LEVEL THREE

**Points: Blue – 8, Red – 5, White – 3**

- C1 Display of items needed in a tent repair.
- C2 Three day backpacking menu, necessary equipment, method of preparation and clean up.
- C3 First aid kit you made for a backpacking trip.
- C4 Poster of tent directions for pitching, striking and caring for tents.
- C5 Design a non-tent backpack shelter.
- C6 Poster applying the seven LNT principles for five different biomes.
- C7 Any other educational display within the Backpacking Expeditions project.

### VISUAL ARTS CLASS 55

**RULES:** General Rules Apply

#### A PALETTE OF FUN WITH ARTS AND CRAFTS

**Points: Blue - 16, Red – 12, White - 8**

LOT NO:

- A1 Any article made in “Cutting and Pasting” – Unit I
- A2 Any article made in “Drawing” – Unit II
- A3 Any article made in “Painting” – Unit III
- A4 Any article made in “Sculpting” - Unit IV
- A5 Any article made in “Printing” – Unit V
- A6 Any article made in “Fiber” – Unit VI
- A7 Any article made in “3-D Construction” – Unit VII
- A8 Any other article within “A Palette of Fun” project book
- A9 Any other article within “A Palette of Fun” project book

#### SKETCHBOOK CROSSROADS

**Points: Blue – 16, Red – 12, White - 8**

LOT NO.

- B1. Display a sketchbook you have made.
- B2. Display or poster showing the elements of design.
- B3. Display or poster showing the principles of design.
- B4. Display or poster of drawing tools.
- B5. Display a Contour drawing.
- B6. Display or poster showing shading techniques.
- B7. Display a sketch of blended colors.
- B8. Display a sketch using pen and ink.
- B9. Display of upper and lower case alphabet calligraphic style.
- B10. Display a felted wool appliqué mat.
- B11. Display something made using cotton linter pulp.
- B12. Display a piece of artwork using dyes and waxes.
- B13. Display a lap loom you have built.
- B14. Display a waving you have made from your lap loom.
- B15. Display an inkle loom you created.
- B16. Display an item you made using an inkle loom.
- B17. Display a collection of natural dyes you have made.
- B18. Display showing two types of sculpture and explanation of each type.
- B19. Display an item made from clay.
- B20. Display a clay bust you have created.

- B21. Display a mask you have created.
- B22. Display a sculpture of boxes and objects found.
- B23. Display a relief sculpture you created.
- B24. Display a wire sculpture you created.
- B25. Display artwork you created using a block of plaster of Paris.
- B26. Display a mobile you created.
- B27. Any other display within the “Sketchbook Crossroads” project manual.

#### PORTFOLIO PATHWAYS

**Points: Blue – 16, Red – 12, White – 8**

LOT NO.

- C1. Display a portfolio you have made.
- C2. Display or poster showing the elements of design.
- C3. Display or poster showing the principles of design.
- C4. Display or poster of painting tools.
- C5. Display a still life painting with acrylics.
- C6. Display a watercolor painting.
- C7. Display an experimental abstract painting.
- C8. Display a painting with colored sand.
- C9. Display a painted self-portrait.
- C10. Display an oil painting and list the technique used.
- C11. Display an Encaustic painting.
- C12. Display or poster showing printmaking tools and processes.
- C13. Display a collagraph block.
- C14. Display a print using blueprint paper.
- C15. Display an etched Plexiglas plate you have created.
- C16. Display a print using a Plexiglas plate you created.
- C17. Display an item made from the wax resist method.
- C18. Display a stamp pad you have created using an inner tube.
- C19. Display a linoleum block you have made.
- C20. Display a photo negative you have created.
- C21. Display a print you have made using the photo negative you created.
- C22. Display an item using the Positive vs. Negative section in Graphic design unit.
- C23. Display an item using the color expressions in the Graphic design unit.
- C24. Display a self-portrait you create using computer design software.
- C25. Any other display within the “Portfolio Pathways” project manual.

### CITIZENSHIP CLASS 56

**RULES:** General Rules Apply

EXPLORING CITIZENSHIP – FIRST YEAR

**Points: Blue – 16, Red – 12, White – 8**

LOT NO.

- A1 Display your Citizenship Log
- A2 Any educational exhibit about your rights as a Montanan and how these rights affect you.
- A3 An educational display showing the way citizenship and democracy work together.
- A4 An display stating your opinion about a concern of yours and your submission to a school, local newspaper or legislator.
- A5 An educational display or chart noting the public leaders in your community and county.
- A6 A display that includes an interview of a public official or a feature story that has been submitted to the local newspaper.
- A7 A diorama of the three branches of government.
- A8 An advertisement for the same product that you have analyzed in “The art of advertising” section of your manual.
- A9 Display a letter you have written to the editor of a newspaper. Display the newspaper letter along with your written letter.
- A10 An educational display visually representing the concept of “One person, one vote”.
- A11 An educational display showing how a bill becomes a law.
- A12 A display of a bill you have written.
- A13 A display showing how you would market yourself if running for an office.
- A14 Display a lobbying plan you have written.
- A15 Display a tribal seal that you have created.
- A16 Any other educational display within Unit I of the Citizenship manual.

## EXPLORING CITIZENSHIP – SECOND & THIRD YEAR

**Points: Blue – 16, Red – 12, White – 8**

LOT NO.

- B1 An educational display showing the department and positions of the US Federal government.
- B2 An educational display showing the differences between State and Federal governments.
- B3 An educational display showing the current Supreme Court Justices.
- B4 An educational display of the flags for all the tribes in Montana. Include one you have designed for your family.
- B5 An educational display showing the Tribal Government and the relationship to the State's government.
- B6 Design and implement a service learning project focused on building a partnership with a tribal governmental agency.
- B7 Display your Citizenship Log.
- B8 Exhibit a career related to citizenship as described in Activity 27 of your Citizenship manual.
- B9 Any other educational display within the Unit II of the Citizenship manual.

## SERVICE LEARNING CLASS 57

**RULES:** General Rules Apply

AGENT'S IN CHANGE

**Points: Blue – 16, Red – 12, White – 8**

LOT NO.

- A1. Poster or display showing the needs and assets from the "I can change the world" chapter.
- A2. Display your "Mission Plan" including dates, actions and needs.
- A3. Display a pinnacles and pitfalls game that you created.
- A4. Display a photo diary or scrapbook page about your first day in the field with your mission project.
- A5. Display a newsletter that you have created, published and distributed as described in the "News, News, News" chapter.
- A6. Display a trophy or medal that you have created using the "Medals & Mores" chapter.
- A7. Any other exhibit within the "Agents in Change" project book.

RAISE YOUR VOICE

**Points: Blue – 16, Red – 12, White – 8**

LOT NO.

- B1. Display or exhibit of your neighborhood using symbols to show where you saw needs and assets.
- B2. Display or exhibit showing and explaining your survey and results from the "All Ears" chapter.
- B3. Exhibit using one of the map comparisons in "The Real Deal" chapter of your project book.
- B4. Exhibit a PSA that you have written about a problem in your community and calls on the community to take action.
- B5. Any other exhibit or report within the "Raise your Voice" project manual.
- B6. Any other exhibit or report within the "Raise your Voice" project manual.

## THEATRE ARTS CLASS 58

**RULES:** General Rules Apply

PLAY THE ROLE

**Points: Blue – 16, Red – 12, White - 8**

LOT NO.

- A1 Display or exhibit of warmup activities.
- A2 Display or exhibit of tongue twisters you made up.
- A3 Display or exhibit a scene you have written with directions indicating voice tone.
- A4 Display or exhibit a script in which you write in flashback scenes.
- A5 Display or exhibit of items in a clown kit.
- A6 Display or exhibit photos of a clown character you created
- A7 Display or exhibit a picture story you created.
- A8 Display or exhibit pictures showing you acting out different emotions.
- A9 Display or exhibit a metaphor that would describe you. Write a monologue based on that metaphor.
- A10 Display or exhibit of acting terms and their definitions.
- A11 Display or exhibit a critic's review of a musical that you wrote.
- A12 Any other display or exhibit within "Play the Role" level.
- A13 Any other display or exhibit within "Play the Role" level.

BECOME A PUPPETEER

**Points: Blue – 16, Red - 12, White – 8**

LOT NO.

- B1 Display or exhibit of a sock puppet you made.
- B2 Display or exhibit of a rod puppet you made.
- B3 Display or exhibit of an everyday found object puppet you made.
- B4 Display or exhibit of a puppet stage you made.
- B5 Display or exhibit types of puppets
- B6 Display or exhibit of types of stages
- B7 Display or exhibit of puppetry terms
- B8 Display or exhibit of your theatre trunk
- B9 Display or exhibit of a puppet character you built
- B10 Display or exhibit of a parade puppet
- B11 Any other display or exhibit within “Become a puppeteer” level
- B12 Any other display or exhibit within “Become a puppeteer” level

**JUNK DRAWER ROBOTICS  
CLASS 59**

GIVE ROBOTICS A HAND

**Points: Blue – 20, Red – 16, White – 12**

LOT NO.

- A1 Educational display or exhibit of a trunk of junk.
- A2 Exhibit of basic hand tools needed for this project.
- A3 Educational display or exhibit from Activity A in the project book.
- A4 Educational display or exhibit from Activity B in the project book.
- A5 Educational display or exhibit from Activity C in the project book.
- A6 Educational display or exhibit from Activity D in the project book.
- A7 Educational display or exhibit from Activity E in the project book.
- A8 Educational display or exhibit from Activity F in the project book.
- A9 Educational display or exhibit from Activity G in the project book.
- A10 Educational display or exhibit from Activity H in the project book.
- A11 Educational display or exhibit from Activity I in the project book.
- A12 Educational display or exhibit from Activity J in the project book.
- A13 Educational display or exhibit from Activity K in the project book.
- A14 Educational display or exhibit from Activity L in the project book.
- A15 Educational display or exhibit from Activity M in the project book.
- A16 Educational display or exhibit from Activity N in the project book.
- A17 Educational display or exhibit from Activity O in the project book.
- A18 Educational display or exhibit from Activity P in the project book.
- A19 Educational display or exhibit from Activity Q in the project book.
- A20 Educational display or exhibit from Activity R in the project book.
- A21 Educational display or exhibit from Activity S in the project book.

ROBOTS ON THE MOVE

**Points: Blue – 20, Red – 16, White – 12**

LOT NO.

- B1 Educational display or exhibit from Activity A in the project book.
- B2 Educational display or exhibit from Activity B in the project book.
- B3 Educational display or exhibit from Activity C in the project book.
- B4 Educational display or exhibit from Activity D in the project book.
- B5 Educational display or exhibit from Activity E in the project book.
- B6 Educational display or exhibit from Activity F in the project book.
- B7 Educational display or exhibit from Activity G in the project book.
- B8 Educational display or exhibit from Activity H in the project book.
- B9 Educational display or exhibit from Activity I in the project book.
- B10 Educational display or exhibit from Activity J in the project book.
- B11 Educational display or exhibit from Activity K in the project book.
- B12 Educational display or exhibit from Activity L in the project book.

- B13 Educational display or exhibit from Activity M in the project book.
- B14 Educational display or exhibit from Activity N in the project book.
- B15 Educational display or exhibit from Activity O in the project book.
- B16 Educational display or exhibit from Activity P in the project book.
- B17 Educational display or exhibit from Activity Q in the project book.
- B18 Educational display or exhibit from Activity R in the project book.
- B19 Educational display or exhibit from Activity S in the project book.

**MECHATORNICS**

**Points: Blue – 20, Red – 16, White – 12**

LOT NO.

- C1 Educational display or exhibit from Activity A in the project book.
- C2 Educational display or exhibit from Activity B in the project book.
- C3 Educational display or exhibit from Activity C in the project book.
- C4 Educational display or exhibit from Activity D in the project book.
- C5 Educational display or exhibit from Activity E in the project book.
- C6 Educational display or exhibit from Activity F in the project book.
- C7 Educational display or exhibit from Activity G in the project book.
- C8 Educational display or exhibit from Activity H in the project book.
- C9 Educational display or exhibit from Activity I in the project book.
- C10 Educational display or exhibit from Activity J in the project book.
- C11 Educational display or exhibit from Activity K in the project book.
- C12 Educational display or exhibit from Activity L in the project book.
- C13 Educational display or exhibit from Activity M in the project book.
- C14 Educational display or exhibit from Activity N in the project book.
- C15 Educational display or exhibit from Activity O in the project book.
- C16 Educational display or exhibit from Activity P in the project book.
- C17 Educational display or exhibit from Activity Q in the project book.
- C18 Educational display or exhibit from Activity R in the project book.
- C19 Educational display or exhibit from Activity S in the project book.
- C20 Educational display or exhibit from Activity T in the project book.
- C21 Educational display or exhibit from Activity U in the project book.

**WELDING  
CLASS 60**

**ARCS & SPARKS**

**Points: Blue - 20, Red – 15, White – 12**

LOT NO.

- A1 Any educational display, poster or electronic media presentation about the history and evolution of welding.
- A2 Any educational display or exhibit showing the parts of a welder with an explanation of what each part does.
- A3 Any educational display or exhibit identifying auxiliary equipment with an explanation of what each does.
- A4 Any educational display or exhibit showing safety equipment and procedures.
- A5 Any educational display or exhibit showing how improper selection of electrode, speed, height, and/or Amp setting will create a poor weld.
- A6 Any educational display or exhibit showing the parameters of a weld.
- A7 Any educational display or exhibit showing 10 welding terms with explanations.
- A8 Any exhibit of a completed welded project.
- A9 Any exhibit of a completed welded project.
- A10 Any exhibit of a completed welded project.
- A11 Any other educational display or exhibit within the Welding Project.