

**JUNIOR NATURAL SCIENCES DEPARTMENT
DEPARTMENT - 216
RULES**

1. **Please read Junior Class rules first.**
2. Enter only those Classes which you are enrolled in.
3. Collections may either be attractively displayed on a 14" x 22" poster board, arranged in a notebook, or case provided by exhibitor.
4. County Gun Shoot and County Archery Shoot will be held prior to the Fair. Entries must be written on Fair Entry Card to be eligible for premium.
5. All other Natural Science Projects will be judged using the Face to Face Judging System.
6. One exhibit per entry number.

DIVISION: BIRDS (WILDLIFE)

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |
| 3. Any article | | | | |

Examples: Pictures or drawings of birds, homemade bird house or feeder with feed, informational poster.

DIVISION: FISH (WILDLIFE)

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |
| 3. Any article | | | | |

Examples: Posters or displays showing parts of fish, knots in lines and various types of hooks and lines, or tying flies/jigs with explanation of use.

DIVISION: WILDLIFE

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |
| 3. Any article | | | | |

Examples: Posters or displays of plant specimens such as wildlife food, drawings or photos of fur-bearing animals found in your nature study area, scrapbook of wildlife tracks.

DIVISION: WILDFLOWERS (Wildflower exhibits will be disqualified if endangered wildflowers are used)

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |
| 3. Any article | | | | |

Examples: Scrapbook or field notebook of wildflowers, poster or display of flower parts.

DIVISION: TREES

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |
| 3. Any article | | | | |

DIVISION: WATER

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |
| 3. Any article | | | | |

DIVISION: ENTOMOLOGY

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |
| 3. Any article | | | | |

DIVISION: OUTDOOR ADVENTURES

| Class No. | Blue | Red | White | Pink |
|------------------|-------------|------------|--------------|-------------|
| 1. Any article | 2.50 | 2.25 | 2.00 | 1.75 |
| 2. Any article | | | | |

3. Any article

Examples: Posters or displays showing proper use of outdoor equipment, or safety and health, articles necessary for camping.

DIVISION: NATURAL HARVESTING

| | | | | |
|------------------|-------------|-------------|--------------|-------------|
| Class No. | Blue | Red | White | Pink |
| | 2.50 | 2.25 | 2.00 | 1.75 |

1. Honey (one pint jar or less)
2. Maple syrup (sealed one pint jar or less)
3. Maple syrup products
4. Poster or display about collecting honey or maple syrup

DIVISION: SHOOTING SPORTS – DISPLAY or OTHER

| | | | | |
|------------------|-------------|-------------|--------------|-------------|
| Class No. | Blue | Red | White | Pink |
| | 2.50 | 2.25 | 2.00 | 1.75 |

1. A poster or display showing some aspect of Hunter Safety (for first year member in the project)
2. A poster or display showing some aspect of Hunter Safety (for second year or more in the project)
- 3 Any poster or display showing work done or what was learned in the Sportsman Project.
(Example: Display of various animal traps, game rules, etc.)
4. An article or display of any handmade items related to the Shooting Sports Project.
5. A poster or display related to gun safety.

ARCHERY RULES

1. Range officer, who is a 4-H Certified Instructor, is in complete and absolute control of the range at all times
2. All archers to shoot six rounds of five arrows each (30 arrows).
3. Youth may enter ONLY ONE Division in the Archery Shoot.
4. County Archery Shoot (Held prior to Fair)

DIVISION: SHOOTING SPORTS - ARCHERY

COUNTY ARCHERY SHOOT (Held prior to Fair)

| | | | | |
|------------------|-------------|-------------|--------------|-------------|
| Class No. | Blue | Red | White | Pink |
| | 2.50 | 2.25 | 2.00 | 1.75 |

- | | | |
|-------------------|--------------------------|----------|
| 1. Age 10 & under | Bare Bow – Recurve | 10 yards |
| 2. Age 10 & under | Bow WITH AIDS – Recurve | 10 yards |
| 3. Age 10 & under | Bare Bow – Compound | 10 yards |
| 4. Age 10 & under | Bow WITH AIDS – Compound | 10 yards |
| 5. Age 11 to 13 | Bare Bow – Recurve | 15 yards |
| 6. Age 11 to 13 | Bow WITH AIDS – Recurve | 15 yards |
| 7. Age 11 to 13 | Bare Bow – Compound | 15 yards |
| 8. Age 11 to 13 | Bow WITH AIDS – Compound | 15 yards |
| 9. Age 14 & over | Bare Bow – Recurve | 20 yards |
| 10. Age 14 & over | Bow WITH AIDS – Recurve | 20 yards |
| 11. Age 14 & over | Bare Bow – Compound | 20 yards |
| 12. Age 14 & over | Bow WITH AIDS – Compound | 20 yards |

COUNTY SHOOTING SPORT RULES

1. Youth may enter ONLY ONE Division in the Rifle Shoot.
2. County Rifle Shoot held prior to Fair. A written test **may be given** prior to shooting. The test score will be added to the fired score.
3. Eye and ear protection is required when the range is live.
4. Safety flags must be in place when the range is closed.
5. Only load ONE round at a time in the chamber or clip for firing.
6. Absolutely NO semi-auto firing will be allowed.
7. ALL shooting positions are unsupported with the exception of a shooting jacket and/or sling.
8. No parents on the firing line or coaching while the range is live unless requested by the range officer.
9. Range Officer, who is a 4-H Certified Instructor, is in complete and absolute control of the range at all times.

DIVISION: SHOOTING SPORTS - .22 RIFLE**Class No.**

| Blue | Red | White | Pink |
|-------------|-------------|--------------|-------------|
| 2.50 | 2.25 | 2.00 | 1.75 |

1. Rifle Shoot (1st year competitor) 20 rounds in the Prone Position on the A-17 target. (IRON SIGHTS)
2. Rifle Shoot (1st year competitor) 20 rounds in the Prone Position on the A-17 target. (SCOPE SIGHTS)
3. Rifle Shoot (2nd year competitor) 10 rounds in each of the Prone and Sitting Position on the A-17 target. (IRON SIGHTS)
4. Rifle Shoot (2nd year competitor) 10 rounds in each of the Prone and Sitting Position on the A-17 target. (SCOPE SIGHTS)
5. Rifle Shoot (3rd year or more competitor) 10 rounds in each of the Prone, Sitting and Kneeling Position on the A-17 target. (IRON SIGHTS)
6. Rifle Shoot (3rd year or more competitor) 10 rounds in each of the Prone, Sitting and Kneeling Position on the A-17 target. (SCOPE SIGHTS)
7. Rifle Shoot (4th year competitor) 10 rounds in each of the Prone, Sitting, Kneeling, and Standing Position on the A-17 target. (IRON SIGHTS)
8. Rifle Shoot (4th year competitor) 10 rounds in each of the Prone, Sitting, Kneeling, and Standing Position on the A-17 target. (SCOPE SIGHTS)
9. Rifle Shoot (5th year or more competitor) 10 rounds in each of the Prone, Sitting, Kneeling, and Standing Position on the A-36 target. (IRON SIGHTS)
10. Rifle Shoot (5th year or more competitor) 10 rounds in each of the Prone, Sitting, Kneeling, and Standing Position on the A-36 target. (SCOPE SIGHTS)

DIVISION: SHOOTING SPORTS - .177 AIR RIFLE (PELLET ONLY)**Class No.**

| Blue | Red | White | Pink |
|-------------|-------------|--------------|-------------|
| 2.50 | 2.25 | 2.00 | 1.75 |

1. Air Rifle Shoot (1st year competitor) 20 rounds in the Prone Position on the AR-5/10 target. (IRON SIGHTS)
2. Air Rifle Shoot (1st year competitor) 20 rounds in the Prone Position on the AR-5/10 target. (SCOPE SIGHTS)
3. Air Rifle Shoot (2nd year or more competitor) 10 rounds in each of the Prone and Sitting Position on the AR-5/10 target. (IRON SIGHTS)
4. Air Rifle Shoot (2nd year or more competitor) 10 rounds in each of the Prone and Sitting Position on the AR-5/10 target. (SCOPE SIGHTS)
5. Air Rifle Shoot (3rd year competitor) 10 rounds in each of the Prone, Sitting, and Kneeling Position on the AR-5/10 target. (IRON SIGHTS)
6. Air Rifle Shoot (3rd year competitor) 10 rounds in each of the Prone, Sitting, and Kneeling Position on the AR-5/10 target. (SCOPE SIGHTS)
7. Air Rifle Shoot (4th year or more competitor) 10 rounds in each of the Prone, Sitting, Kneeling and Standing Position on the AR-5/10 target. (IRON SIGHTS)
8. Air Rifle Shoot (4th year or more competitor) 10 rounds in each of the Prone, Sitting, Kneeling and Standing Position on the AR-5/10 target. (SCOPE SIGHTS)

DIVISION: SHOOTING SPORTS – SHOTGUN / TRAPSHOOTING**Class No.**

| Blue | Red | White | Pink |
|-------------|-------------|--------------|-------------|
| 2.50 | 2.25 | 2.00 | 1.75 |

1. Intermediate - ages 12 - 14 yrs. One round of 25 clays.
2. Senior - 15 yrs. and up. One round of 25 clays.

One Champion Ribbon given per Division (If Judge so desires) Ribbon Only**PISTOL SHOOT RULES**

1. The **fair shoot follows the NRA 50 foot Pistol rules** as specified.
2. .22 Pistol Shooting is done in the standing position, the gun is held in one hand only, the other hand being used in no way to support the gun; all portions of the shooter's clothing, body and gun are clear of artificial support. (NRA Pistol Rules, Section 5.5)
3. The .22 Pistol fair shoot consists of 3 targets, 30 rounds, as follows (NRA Pistol Rules, Section 7): Round 1 – Slow Fire – 10 rounds in 10 minutes, using the B-2 target. Round 2 – Timed Fire – 5 rounds in 20 seconds, 2 strings, using the B-3 target. Round 3 – Rapid Fire – 5 rounds in 10 seconds, 2 strings, using the B-3 target.
4. .177 Air Pistol Shooting is done in the standing position, the gun is held in one hand, and may have the other hand used for support.
5. The .177 Pistol fair shoot is done at 10 meters (33 feet) and consists of 20 rounds using the B-32/B-40 target.

DIVISION: SHOOTING SPORTS - .22 PISTOL

| Class No. | Blue | Red | White | Pink |
|------------------------------------|-------------|-------------|--------------|-------------|
| | 2.50 | 2.25 | 2.00 | 1.75 |
| 1. Intermediate – ages 12 - 14 yrs | | | | |
| 2. Senior – ages 15 and up | | | | |

DIVISION: SHOOTING SPORTS - .177 AIR PISTOL (PELLET ONLY)

| Class No. | Blue | Red | White | Pink |
|------------------------------------|-------------|-------------|--------------|-------------|
| | 2.50 | 2.25 | 2.00 | 1.75 |
| 1. Junior – ages 10 and under | | | | |
| 2. Intermediate – ages 11 – 13 yrs | | | | |
| 3. Senior – age 14 and up | | | | |

ANGLING RULES

1. A total of 6 tournaments will be scheduled from May- July on Waukesha Area Lakes.
2. All youth participating must have an accompanying responsible adult with a boat, with minimum liability boat insurance. All weeds and exotics must be removed from boats, motors, and trailers before leaving the landing.
3. State fishing and boating regulations apply, check the waters you are fishing in. Any fish presented that is in violation of state laws must be immediately released, and the youth will forfeit that night's points. Reminder: follow ALL DNR RULES or you will be disqualified. We will ONLY score up to the legal possession for that lake.
4. Youth under age 16 may not operate the outboard motor. Adults may assist with areas to fish and operate the trolling motor for the youth. The youth must cast for and land their own fish, although adult may assist with netting a fish.
5. Fishing time: 5:30pm - 8:30pm. There is no penalty for starting late, however the project leader must be notified in advance. All boats must stay within 50 yards of take off before starting and no fishing! All participants must be at landing by the set ending time or else forfeit that night's points. (All late starts must start from designated landing.) Penalties for being late are: less than 10 minutes late 15 points deducted and 15 points for each additional 5 minutes late. The max penalty is equal to total points of their catch.
6. Live wells may be checked at the request of any tournament angler before the start of fishing
7. Fishing during lightning is prohibited. All must check in at landing and wait to see if storm blows over. Tournaments may be cancelled and rescheduled due to weather, although we will still fish in the rain. A good rain suit is recommended.
8. Immediate release of any qualifying fish allowed with measurement / verification by an opposing team. Fish are measured in inches; tail may be pinched.
9. Life jackets are required to be on anytime that your boat is above troll. 10. Only artificial lures will be allowed. Youth must provide their own fishing rods, lures and equipment.
10. While not required, the use of live wells (with working aerators!) and rubber landing nets is strongly encouraged. Catch & Release is strongly encouraged.
11. Youth will be able to drop their points from their lowest scoring tournament. Five out of 6 tournament points will be counted towards the final placing.
12. Sportsmanship bonus: The Project Leader may give this optional bonus for exceptional acts representing good sportsmanship. This bonus is completely at the discretion of the project leader.
13. Keep it FUN! Always practice good sportsmanship, and help each other out when they need it!! Create a positive image for the Fishing Project. Youth are encouraged to share their strategies after the tournament and learn from one another.

DIVISION: ANGLING

| Class No. | Blue | Red | White | Pink |
|-------------------------------|-------------|-------------|--------------|-------------|
| | 2.50 | 2.25 | 2.00 | 1.75 |
| 1. Beginner, age 10 and under | | | | |
| 2. Intermediate, age 11 to 13 | | | | |
| 3. Senior, age 14 and over | | | | |