4-H Shooting Sports Project Record

Name __________________________  Age ________  Date of birth ____________

Club ____________________________  Year __________________

Address __________________________________________

Years in project ________________  Years in 4-H ________________

This record contains project information on the following:

Air pistol __________________________  Hunter Safety __________________________

Air rifle __________________________  Muzzleloading __________________________

Archery __________________________  Shotgun __________________________

Smallbore __________________________

Date record started ________________  Date record completed ________________
4-H Shooting Sports Objectives

* To encourage participation in natural resources and related natural science programs by exposing participants to the content through shooting, hunting and related activities.

* To enhance development of self-concept, character and personal growth through safe, educational and socially acceptable involvement in shooting activity.

* To teach safe and responsible use of firearms and archery equipment including sound decision making, self-discipline and concentration.

* To promote the highest standards of safety, sportsmanship and ethical behavior.

* To expose participants to the broad array of vocational and life-long avocational activities related to shooting sports.

* To strengthen families through participation in life-long recreational activities.

* To complement and enhance the impact of existing safety, shooting and hunter education programs using experiential educational methods and progressive development of skills and abilities.

Goals for the Year

What do you want to learn in Shooting Sports? List five goals that you wish to achieve this year.

1. ______________________________________________________

2. ______________________________________________________

3. ______________________________________________________

4. ______________________________________________________

5. ______________________________________________________
Equipment Inventory

It is important that you keep an accurate inventory of what you own. Keep this page up to date. You may want to make a copy of your inventory and put it in a safe place.

<table>
<thead>
<tr>
<th>Item</th>
<th>Date Purchased</th>
<th>Purchase Price</th>
<th>Model Number</th>
<th>Serial Number</th>
<th>Date Sold or traded/value</th>
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## Financial Data Record

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<th>Date</th>
<th>Items Purchased</th>
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**Total** $
Archery Shooting Record

Ten round minimum for the first 3 years; 15 rounds for all others.

<table>
<thead>
<tr>
<th>Verifier</th>
<th>Date</th>
<th>Round</th>
<th>Score</th>
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Weight of draw (usual bow used) _____________ Length of draw ____________

Length of arrow ________________

Which archery craft did you complete this year? ______________________________}_
Shooting Record

Smallbore and Air Rifle

Include at least five visits to your shooting range or competitive events.

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Practice</th>
<th>Competition</th>
<th>Scores</th>
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## Shooting Record

### Air Pistol, Shot Gun and Muzzleloading

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<tr>
<th>Date</th>
<th>Location</th>
<th>Event</th>
<th>Practice</th>
<th>Competition</th>
<th>Scores</th>
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Hunting Trips Record

Developing hunting knowledge and hunting skills is an important part of your 4-H Shooting Sports project. Use the space below to record your outings, important observations of the hunt, and things you learned about nature, animals, and birds. Also, include how you feel about each trip.

Date __________________________  Type of game ________________________
Location ______________________  Number of people in party ____________
Your observations:

Date __________________________  Type of game ________________________
Location ______________________  Number of people in party ____________
Your observations:

Date __________________________  Type of game ________________________
Location ______________________  Number of people in party ____________
Your observations:

Date __________________________  Type of game ________________________
Location ______________________  Number of people in party ____________
Your observations:
Firearms History

Select a firearm and study its history. Use this page to record what you learned.

Firearm studied ____________________________
Date started ________________ Date ended ________________

Where you obtained your information __________________________

Names of people who helped you

________________________     __________________________

________________________     __________________________

________________________     __________________________

History of __________________________
Shooting Sports Activities

Project year ____________
(complete a new page for each year)

Visual Presentations

<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Local (L), Regional (R), County (C), or State (S)</th>
<th>Placing</th>
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Citizenship and Community Service

<table>
<thead>
<tr>
<th>What you did</th>
<th>Where</th>
<th>Number in audience</th>
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# Shooting Sports Leadership Activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity performed</th>
<th>Result(s)</th>
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**Special Awards and Recognition**

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Project Evaluation

Did you achieve the goals you listed at the beginning of the project? Please explain.

What did you like most about your shooting sports project this year? Please describe.

This project has been completed by the 4-H member including and oral presentation, an exhibit, and completion of this project record.

4-H member’s signature  Date  Parent’s signature  Date

4-H agent’s signature  Date  4-H leader’s signature  Date

Prepared by:
Judith R. Williams, Ph.D.
Norris Diefenderfer
Summary of the Topics Listed as Links Between Other Areas of 4-H and Shooting Sports

North Central & Western 4-H Shooting Sports Coordinators Workshop: Reno, Nevada

Ronald A. Howard, Jr
Purdue University

In our session on linking 4-H Shooting Sports to other parts of the 4-H program, we took 10 minutes to generate ideas to share. The summary of your comments covered four pages in the first draft. I have tried to condense the ideas a bit here, grouping the ideas into logical clusters. I hope they have some utility for you as you continue to develop your state programs. I have tried to list at least one direct link to another 4-H program with each activity or project suggested. The listed links do not by any means exhaust the possibilities, but they seemed obvious to me and were added to stimulate your thinking.

### Additional Shooting Activities:
- Silhouette shooting
- All phases of competitive shooting
- Benchrest shooting
- Olympic competitions in shooting
- Family fun shoots
- Muzzleloading

### Directly Related Non-shooting activities:
- Outdoor cookery: foods, nutrition
- Food preservation: jerky, canning
- Fish, smoking fish
- Outdoor cooking equipment: dutch ovens, coffee pots
- Planning a trip: equipment, medical, food, gear
- Care for bagged game
- Uses of game animals
- Care and processing of hides
- Survival: cold water, outdoor
- Orienteering: map and compass, land navigation, GPS
- Rendezvous
- Careers in shooting sports
- Gun collecting and firearms history
- Wildlife law enforcement
- Hunter ethics and responsibilities
- Refinishing guns
- Building guns from kits
- Engraving
- Gunsmithing
- Cartridge collecting
- Collecting outdoor books and writings
- Shooting accessories
- Taxidermy
- Skinning techniques
- Making a long bow
- Making flint, chert or obsidian arrow heads
- Making quivers
- Making arrows
- Reloading metallics and shotshells
- Making a loading bench
- Game calling
- Making game calls
- Hunting tactics
- Knife sharpening
- Tracking and reading wildlife sign
- Handgun hunting
- Collecting patches and brassards
- Stalking techniques and games
- Learning animal tracks
- Duck identification
- Conducting fund raising shoots
- Setting up shooting ranges
- Selecting scopes for hunting
- Care for guns
- Fitting gunstocks
- Sorting and transporting guns
- Gun shows
- Safe use and care of knives
- Ballistics: practical and applied to hunting
- Gunsmithing tools and techniques
- Chronographing and related high tech activities
- Matching cartridges to game animal
- Storytelling and hunting folklore
- Duck wing collection for teaching
- Shooting of hunting diary
- Stock making (including carving and checkering)
Animal Science: Horse & Pony
- Horse packing
- Poisonous plants
- Using pack animals
- Making pack saddles and panniers
- Livestock nutrition

Animal Science: Dog
- Training field dogs (bird dogs, retrievers, hounds, flushing dogs)
- Basic dog obedience
- Care of gun dogs
- Dog first aid and emergency care
- Transporting dogs
- Dog training as a career
- Selecting a breed for hunting
- Selecting a puppy
- Demonstration field trials
- Breeding and raising hunting dogs
- Nutrition for hunting dogs

Animal Science: Poultry
- Raising game birds
- Raising quail for dog training
- Restocking game birds

Animal Science: Meat
- Preparing game for use at home
- Characteristics of wild meats
- Nutritional value of wild meat
- Uses of wild meat

Animal Science: Livestock
- Relationships between wild game and livestock
- Wildlife and livestock food preferences

Veterinary Science
- Wildlife diseases
- Wildlife pathology and human safety
- Disease vectors for wildlife, and humans
- Animal health: preventative maintenance

Foods and Nutrition
- Nutritional value of game meats
- Wildlife cookery
- Edible plants
- Poisonous and medicinal plants
- Planning menus and excursions
- Survival foods and high energy snacks
- Nutrition for athletes
- Planning game dinners
- Preserving meats and other wild foods
- Freezer storage of fish and game

Clothing
- Selecting and constructing outdoor clothing and equipment
- Sewing hunting vests
- Sewing shooting vests or coats
- Customizing outdoor clothing
- Sewing a hunting parka
- Making leather or fur clothing
- Using kits to make outdoor gear
- Historical garments
- Building a tent or teepee
- Selection of clothing systems for wilderness use
- Care and maintenance of clothing and related gear

Health and Safety
- Assembling a wilderness medical kit
- Making a pocket first aid kit
- Making a pocket survival kit
- First aid
- CPR
- Water safety
- Boating safety
- Hypothermia
- Poisonous and medicinal plants
- Parasites and water purification
- Survival kits and survival skills

- Physical conditioning and physical fitness
- ATV, motorcycle and trail bike safety and responsibility
- Automotive safety

Heritage and History
- Native American culture
- Pottery and clay vessels
- Tanning hides for various uses
- History of the fur industry and relationship to community history
- Flint and steel fire starting kits
- Stone arrow heads
- Black powder guns

- Early gunsmiths
- Local gunsmiths and related industries
- Role of firearms in local history
- Conducting a rendezvous
- Hunting (fishing, trapping) lore from older residents of the community

Consumer Education
- Selecting outdoor gear
- Selecting equipment for camp cookery
- Selecting optical equipment for observation, shooting and hunting

- Selecting a firearm (bow, fishing rod, fly line, knife, broadhead, reloading press, boat, shotgun, etc.)

Natural Resources: Aquatic Science & Fisheries
- Fish identification
- Aquatic entomology
- Fish foods (a collection)
- Pesticides and toxic chemical contamination

- Fish populations and management
- Characteristics of water
- Water management

Natural Resources: Ecology and Environmental Education
- Plant identification
- Wildflower identification
- Geology
- Nature trail or hiking trail development
- Environmental awareness
- Ecological principles
- Citizen action in environmental issues
- Use of keys to identify wildlife and plants

- Valuing wild things and wild places
- Principles of conservation
- Wildlife requirements
- Wildlife sketching and painting
- Keeping a field notebook
- Nature photography
- Nature study
- Climate and weather
- Reading weather signs

Natural Resources: Resource based Recreation
- Mountain bikes and bike camping
- Mountain climbing
- Fishing
- Ice fishing
- Fly tying
- Lure making
- Decoy carving
- Primitive camping

- Camping
- Backpacking
- Cross country skiing
- Trapping
- Making a fly or lure selection board
- Researching outdoor trips
- Orienteering (land navigation)
- Mapping
## Natural Resources: Forestry
- Forestry ecology
- Forest management
- Tree identification
- Uses of trees
- Wood technology and selection
- Tree planting for community pride

## Natural Resources: Soil, Water and Range
- Soil and water conservation
- Range management
- Wildlife-livestock interactions
- Hydrology
- Geology
- Habitat assessment
- Soils

## Natural Resources: Wildlife
- Bird watching and bird identification
- Wildlife food habits
- Wildlife photography
- Furbearing animals and uses of fur
- Wildlife field notebook
- Relationships of wildlife to your community
- Wildlife observation
- Wildlife behavior
- Wildlife habitat enhancement (nest boxes, food plots, cover plantings, artificial den structures, guzzlers, etc.)
- Habitat evaluation
- Wildlife management principles and practices
- Census of wildlife populations
- Tracks and signs
- Wildlife identification (game animals, waterfowl, mammals, birds, reptiles, amphibians, invertebrates)
- Life histories and habitats of wildlife
- Taxidermy, tanning, study skin preparation
- Acres for wildlife

## Entomology
- Insect identification
- Aquatic entomology
- Economic entomology (ticks and other disease vectors)

## Electric
- Quiz boards
- Arrow cut-off wheel
- Cresting lathe
- Electronic scoreboards
- Communications systems for field days or special events
- Remote triggers for wildlife photography or observation

## Woodworking
- Reloading bench or desk
- Fly tying bench or tray
- Loading block for centerfire handling
- Portable bench rest
- Gun rack (bow, arrow, etc.)
- Loading stand for muzzleloading pistol
- Bullet block for muzzle loader hunters
- Climbing blocks
- Portable tree stand
- Shooting box
- Gun cabinet
- Gun stock
- Ramp for handicapped access to shooting facilities
- Stiles over fences to prevent fence damage
- Wood duck (squirrel, blue bird, etc.) nest boxes
- Transportation kennel for gun dogs
- Wooden game calls
- Wood boats
- Canoe building
- Decoy carving
- Decorative plaques (or taxidermy bases)
- Wood fishing lures
- Book shelves for outdoor books
- Tips ups, tilts or tip downs for ice fishing
- Portable blinds
- Elevated stands (controlled access area only)
Computers
- Calculating ballistics
- Interactive quiz games
- Calculating scores
- Writing and editing stories
- Accounting
- Record keeping

Crafts
- Wildlife art (painting, drawing, carving)
- Wildlife needle work (embroidery, cross stitch, tapestry)
- Lapidary
- Leather crafts (belts, scabbards, slings, sheaths, bullet pouches, etc.)
- Bead work (also quills)
- Engraving
- Powder horn building (could be carved or scrimshawed)
- Antler, horn, wood, bone or similar shooting accessories
- Hatchet
- Knife
- Engraved work

Plant Science/Horticulture
- Wildlife shrubs from seeds or cuttings
- Demonstration plots for wildlife foods or cover
- Arboretum development for wildlife food studies
- Plant pathology
- Integrating wildlife into agriculture
- Vertebrate damage control
- Wildlife habitat enhancement
- Backyard wildlife habitat projects

Entrepreneurship
- Shooting sports crafts, collectibles, and tools
- Fly tying and jig casting
- Handmade accessories
- Specialty products

Human Development/Leadership
- Camp counselor training
- Leadership development (youth leaders)
- Video training tapes
- Demonstrations firearm safety, handloading, etc.
- Local, state and national citizenship programs
- Public speaking
- Community pride projects
- Cleanup campaign
- Tree planting
- Wildlife food plots
- Habitat enhancement projects
- Nature trail development
- Hiking trails
- Acres for wildlife
- River watch
- Handicapped access sites
- Landowner relationship program
- Promoting fair chase
- Self-concept development
- Lifetime recreational skills
- Career exploration
- Radio or television spots