



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. _____

Archery Shooting Record

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

	Verifier	Date	Round	Score
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____
7.	_____	_____	_____	_____
8.	_____	_____	_____	_____
9.	_____	_____	_____	_____
10.	_____	_____	_____	_____
11.	_____	_____	_____	_____
12.	_____	_____	_____	_____
13.	_____	_____	_____	_____
14.	_____	_____	_____	_____
15.	_____	_____	_____	_____

Weight of draw (usual bow used) _____ Length of draw _____

Length of arrow _____

Which archery craft did you complete this year? _____

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

Date	Title	Local (L), Regional (R), County (C), or State (S)	Placing
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Citizenship and Community Service

What you did	Where	Number in audience
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

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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

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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