LARIMER COUNTY 4-H SHOOTING SPORTS COUNTY FAIR PREP

SESSION 1

IMPORTANT DATES, UNDERSTANDING THE RECORD BOOK, PROJECT OPTIONS

FOR MORE INFO CHECK OUT


Larimer County Shooting Sports website

lc4hss.org

Zoom Housekeeping for our 4-H Meeting

- Participants will be muted to reduce background noise
- We will not be using chat – please raise your hand if you have a question,
- We will pause for questions and unmute participants individually to answer questions
- Meeting will be hosted by a minimum of 2 approved 4-H leaders

Notice to participants:
In the event that there is any technical issue or disruption; this Zoom meeting will be closed immediately, and we will contact you with a new date and time for this event
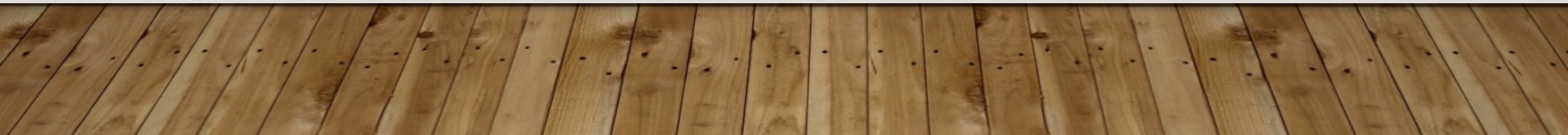
The 4-H Pledge

I pledge…

My **HEAD** to clearer thinking.

My **HEART** to greater loyalty.

My **HANDS** to larger service.

My **HEALTH** to better living.

For my **club**, my **community**,

my **country**, and my **world**.

AGENDA FOR THIS WORKSHOP

- Understand how the different parts of 4-H Shooting sports – record book, fair, and competition work

- Learn how to complete record book

- Learn about the project options for fair

- Know important dates for shooting sports and fair

PROJECT VERSUS COMPETITION

Completing a Project

- Learning about your chosen discipline

- Doing a demonstration

- Community Service

- Participating in Fair

- Completing your Record Book and having it signed by Club Leader

Competition

- Not required to complete project

- Attending Orientation

- Attending Practices

- Competing in County Shoot

- Completing requirements and possibly competing in State Shoot

WHAT ABOUT COUNTY FAIR

- Record Book is Completed and Signed

- Project (Display Board or Stand Alone) is completed

- Interviews are scheduled

- Projects and Records Books are turned in for Judging on Interview Day

- Participation is encouraged for all 4-H Members

- Participation (and receiving minimum of red ribbon) are part of qualifying for State Shoot

RECORD BOOK
THIS IS WHERE YOU RECORD AND TELL OTHERS ABOUT WHAT YOU DID THIS YEAR

- Put into a notebook or 3 hole presentation folder

- Do NOT put targets or score cards in here

- Page protectors are nice – but not necessary

- Do not leave blanks – put in "N/A" or "Did not Do"

- On front of notebook make sure to put Member Name and Project

Larimer County
636
Elizabeth Webb
14
Shooting Sports
Archery
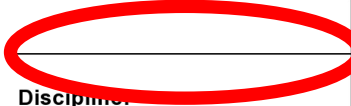Class 244

Elizabeth Webb
Archery

FRONT PAGE

Project

- Shooting Sports

Shooting Sports Record
All Disciplines

COLORADO STATE UNIVERSITY
EXTENSION

2020-2021

	Name:
Discipline:	4-H Club:
Year in this Discipline: (include current year)	County:
Age Group (check one): ❏ Junior (8-10) ❏ Intermediate (11-13) ❏ Senior (14-18)	**If you are planning to do a shooting sports exhibit in more than one discipline at the county or state fair, you will need to have a separate e-record for each exhibit. (Example: If you are exhibiting a shotgun display board you will need a shotgun e-record which only includes the shotgun activity log and information only pertaining to shotgun. If you are then exhibiting an archery stand-alone, you will need an archery e-record which only includes archery activity log and information only pertaining to archery.)**
Birthdate: (mm/dd/yy)	
Age: (As of December 31, of current 4-H year)	

Project and exhibit guidelines for each project are listed in the State Fair Exhibit Requirements available on the web at Colorado4h.org.

I declare that the information in this book is correct and all 4-H requirements have been completed to the best of my knowledge.

Member's Signature	date
Leader's Signature	date
Parent/Guardian Signature	date

FRONT PAGE

Unit

- Discipline you are focusing on for this record book and project

- This is the same discipline that will help determine your class number for fair entry

Shooting Sports Record
All Disciplines

COLORADO STATE UNIVERSITY
EXTENSION

2020-2021

Name:

Discipline:

4-H Club:

Year in this Discipline:
(include current year)

County:

Age Group (check one):
❏ Junior (8-10)
❏ Intermediate (11-13)
❏ Senior (14-18)

Birthdate:
(mm/dd/yy)

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Leader's Signature | date

Parent/Guardian Signature | date

FRONT PAGE

Year in this Project

- Include this year in the total

Shooting Sports Record
All Disciplines

COLORADO STATE UNIVERSITY
EXTENSION

2020-2021

Name:

Discipline:

4-H Club:

Year in this Discipline:
(include current year)

County:

Age Group (check one):
☐ Junior (8-10)
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FRONT PAGE

Age/Age Group

- Your 4-H Age is what age you were on December 31

- 4-H Age determines your Age Group

Shooting Sports Record
All Disciplines
COLORADO STATE UNIVERSITY EXTENSION

2020-2021

Name:

Discipline:

4-H Club:

Year in this Discipline:
(include current year)

County:

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FRONT PAGE

Other Disciplines

- Larimer County only allows 1 exhibit to be entered

- Make sure to include practice sheets from all your disciplines with this record book

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Shooting Sports Record
All Disciplines

COLORADO STATE UNIVERSITY
EXTENSION

2020-2021

	Name:
Discipline:	4-H Club:
Year in this Discipline: (include current year)	County:
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Birthdate: (mm/dd/yy)	
Age: (As of December 31, of current 4-H year)	

Project and exhibit guidelines for each project are listed in the State Fair exhibit Requirements available on the web at Colorado4h.org.

I declare that the information in this book is correct and all 4-H requirements have been completed to the best of my knowledge.

Member's Signature	date
Leader's Signature	date
Parent/Guardian Signature	date

FRONT PAGE

Signatures

- Do not wait until the last minute to get these!

- Leader signature should be Club Leader

Shooting Sports Record
All Disciplines

COLORADO STATE UNIVERSITY EXTENSION

2020-2021

Name:

Discipline:

4-H Club:

Year in this Discipline:
(include current year)

County:

Age Group (check one):
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Parent/Guardian Signature	date

PARTICIPATE

- Much of this page is transferable to other project books!

How I Participate in 4-H!

Categories of Participation	Total this Year	Description/Project Title
4-H Projects you are taking this year		
What activities helped you learn the skills for this project? (project meetings, workshops, classes, contests, etc.)		
What Leadership Development experiences did you participate in. (club/district/state/officer, committee chair, LDC, CLC, YouthFest, State Conference, Jr./Teen leader, pledge leader, etc.)		

4-H	Date	Hours	Activity/Title	Location
Citizenship/ Community Service				
Demonstrations/ Presentations/ Speeches		NA		
		NA		
		NA		

PARTICIPATE

Project List

- List all of your projects

- Make sure to put quantity in the "Total this year" column

How I Participate in 4-H!

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4-H Projects you are taking this year		
What activities helped you learn the skills for this project? (project meetings, workshops, classes, contests, etc.)		
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4-H	Date	Hours	Activity/Title	Location
Citizenship/ Community Service				
Demonstrations/ Presentations/ Speeches		NA		
		NA		
		NA		

PARTICIPATE

Activities

- Only section of this page that applies just to this project

- Orientation, Practices, Workshops, Lessons, Hunter Safety Training, etc

How I Participate in 4-H!

Categories of Participation	Total this Year	Description/Project Title
4-H Projects you are taking this year		
What activities helped you learn the skills for this project? (project meetings, workshops, classes, contests, etc.)		
What Leadership Development experiences did you participate in. (club/district/state/officer, committee chair, LDC, CLC, YouthFest, State Conference, Jr./Teen leader, pledge leader, etc.)		

4-H	Date	Hours	Activity/Title	Location
Citizenship/ Community Service				
Demonstrations/ Presentations/ Speeches		NA		
		NA		
		NA		

PARTICIPATE

Leadership

- Officer positions, pledge leader, etc

- Helped with Cloverbuds

How I Participate in 4-H!

Categories of Participation	Total this Year	Description/Project Title
4-H Projects you are taking this year		
What activities helped you learn the skills for this project? (project meetings, workshops, classes, contests, etc.)		
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4-H	Date	Hours	Activity/Title	Location
Citizenship/ Community Service				
Demonstrations/ Presentations/ Speeches		NA		
		NA		
		NA		

PARTICIPATE

Citizenship/Service

- Required!

- Did your club have a service project

- Carnival – sell tickets, help at a booth

- Help Set-Up/Take-Down the Range

How I Participate in 4-H!

Categories of Participation	Total this Year	Description/Project Title
4-H Projects you are taking this year		
What activities helped you learn the skills for this project? (project meetings, workshops, classes, contests, etc.)		
What Leadership Development experiences did you participate in. (club/district/state/officer, committee chair, LDC, CLC, YouthFest, State Conference, Jr./Teen leader, pledge leader, etc.)		

4-H	Date	Hours	Activity/Title	Location
Citizenship/ Community Service				
		NA		
Demonstrations/ Presentations/ Speeches		NA		
		NA		

PARTICIPATE

Demonstrations

- Can be formal or informal

- Gave a talk at your club

- Showed members how to do something at a workshop/ orientation/ practice

How I Participate in 4-H!

Categories of Participation	Total this Year	Description/Project Title
4-H Projects you are taking this year		
What activities helped you learn the skills for this project? (project meetings, workshops, classes, contests, etc.)		
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4-H	Date	Hours	Activity/Title	Location
Citizenship/ Community Service				
Demonstrations/ Presentations/ Speeches		NA		
		NA		
		NA		

EXPENSE/INCOME

Expenses

- Jr - Just items to get ready for Fair

- Int and Sr - Mileage, CBI, ammo, any new equipment, range fees, items to get ready for Fair, etc

Project Expense and Income/Value

Expenses: Seniors Only. Figure the cost of the specific ingredients and materials used for your final exhibit item or display board. Label the item "Exhibit" or "Board". You can add a more specific name.
Intermediates/Seniors. *1. List items **purchased** this year for your project, such as equipment, ammunition, class fees, etc. If you are driving yourself to practices and contests then put down your expenses. (More pages can be added if needed)*

Item	Project Expenses
	$
	$
	$
	$
TOTALS	$

*Income or Value: **Intermediates/Seniors.** 1. List practice items or items made-like gun case, shooting card, quiver, etc.—and estimate the value by comparing to a similar item you could buy. 2. Now, the value of your collection by comparing it to a similar item you could buy. Display boards have no value. 3. Record the amount of money you received for any items you **sold** as Income.*

Item	Income or Value
	$
	$
	$
TOTALS	$

Return on Investment
Intermediate and Senior Members

Everyday, we make decisions about where to spend our time and money, and what activities we want to continue. Ask yourself: How did I benefit from this project? What knowledge and skills did I gain from the project? Did I enjoy it? Was it worth the expense? Could I spend money more wisely the next time? Is it worth doing again? Do I want to learn more?

1. What knowledge and skills did you learn that you can use again?

2. How could you use your new skills to save money or to make money?

3. If you made a product to sell, how would you decide a price for your product?

EXPENSE/ INCOME

Income or Value

- Juniors do not have to do – Remember to put N/A

- Int and Seniors - Sell anything, win cash prizes at tournaments, etc

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Project Expense and Income/Value

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Item	Project Expenses
	$
	$
	$
	$
TOTALS	$

*Income or Value: **Intermediates/Seniors.** 1. List practice items or items made-like gun case, shooting board, quiver, etc.—and estimate the value by comparing it to a similar item you could buy. 2. Record the value of your exhibit item by comparing it to a similar item you could buy. **Display boards have no value.** 3. Record the amount of money you received for any items you **sold** as Income.*

	Income Value
	$
	$
	$
TOTALS	$

Return on Investment
Intermediate and Senior Members

Everyday, we make decisions about what we buy, how we use our money, and what activities we want to continue. Ask yourself: How did I benefit from this project? What knowledge and skills did I gain from the project? Did I enjoy it? Was it worth the expense? Could I spend money more wisely the next time? Is it worth doing again? Do I want to learn more?

1. What knowledge and skills did you learn that you can use again?

2. How could you use your new skills to save money or to make money?

3. If you made a product to sell, how would you decide a price for your product?

EXPENSE/ INCOME

Return on Investment

- Juniors do not have to do – put in N/A

- Int and Seniors – an exercise in thinking about what you can do with what you have learned

Project Expense and Income/Value

Expenses: **Juniors Only.** Figure the cost of the specific ingredients and materials use for your final exhibit item or display board. Label the item "Exhibit" or "Board". You can add a more specific name. **Intermediates/Seniors.** 1. List items **purchased** this year for your project, such as equipment, ammunition, class fees, etc. If you are driving yourself to practices and contests then put down your expenses. (More pages can be added if needed)

Item	Project Expenses
	$
	$
	$
	$
TOTALS	$

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	Income or Value
	$
	$
	$
TOTALS	$

Return on Investment
Intermediate and Senior Members

Everyday, we make decisions about where to spend our time and money, and what activities we want to continue. Ask yourself: How did I benefit from this project? What knowledge and skills did I gain from the project? Did I enjoy it? Was it worth the expense? Could I spend money more wisely the next time? Is it worth doing again? Do I want to learn more?

1. What knowledge and skills did you learn that you can use again?

2. How could you use your new skills to save money or to make money?

3. If you made a product to sell, how would you decide a price for your product?

INVENTORY

- Inventory sheet for the discipline in this record book

- This carries through from year to year – save as its own file or make a copy for next year

- Over the years this will grow to multiple pages

- Ammunition is NOT inventory – arrows are

4-H Shooting Sports Inventory

Make copies as needed.   Complete the inventory for the discipline/project in this record book. List ALL equipment that you use as part of this discipline/project. It is not important that you personally own the equipment. It can be given to you or borrowed by you.   Do not list ammunition.

Discipline/Project:_____

Item	Date Purchased	Approximate Value	Model Number	Date sold or traded or returned

ACTIVITY

- Most Disciplines have 1 Activity Page – Western Heritage has 2

- Do one for each discipline you are in

- Do not have to complete each column each practice

- Archery has not been updated to show 50 yards

PICTURES

- At least 4 pictures

- Can add a couple pages

- Make sure to caption each picture – type or neatly handwritten

- Can attach pictures manually or put page together electronically and then print

- Pages must still be 8 ½' by 11''

Photographs from your 4-H Project

A minimum of four pictures with a descriptive caption for each is required. Additional photos can be added. Pictures must be project-specific.

YOUR STORY

- Do not answer questions point by point like it's a test

- This is your story about your year in the project – the good, the bad, and the unexpected

- Follow the length and format guidelines

4-H Story

Length and Format Guidelines

You can type or hand-write your story. If you hand-write the story, use pencil or ink on lined white notebook paper.

If a computer is used to write the story, use plain white paper with no smaller than 12-point font.

Leave wide enough margins so the story can be read if inserted into a report cover.

Limit your story to a maximum of two (2) pages.

Story can be single or double-spaced if it does not exceed two pages.

Younger members may want to double-space their story so you can see what you are writing.

Be sure to use proper grammar and sentence structure.

Edit your story when finished. Check your spelling.

Have someone else read your story.

The following questions may help you in composing a story specifically related to your project:

Why did you choose this project?

What goals did you set and which ones did you reach?

What are your 4-H goals for next year?

What would you do differently if you were to try it again?

What skills have you learned in the program?

Have your projects grown and scope?

Were any adults or other 4-H members especially helpful to you? How?

Has 4-H helped you become a better leader and citizen?

What has being a 4-H member meant to you?

YOUR STORY

- All of this can be deleted before printing

4-H Story

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- What would you do differently if you were to try it again?
- What skills have you learned in the program?
- Have your projects grown and scope?
- Were any adults or other 4-H members especially helpful to you? How?
- Has 4-H helped you become a better leader and citizen?
- What has being a 4-H member meant to you?

PROJECT OPTIONS

Display Board

- 4ft x 3ft Trifold Board

- Must be able to fold flat

- Focus on one aspect of your project

Stand-Alone
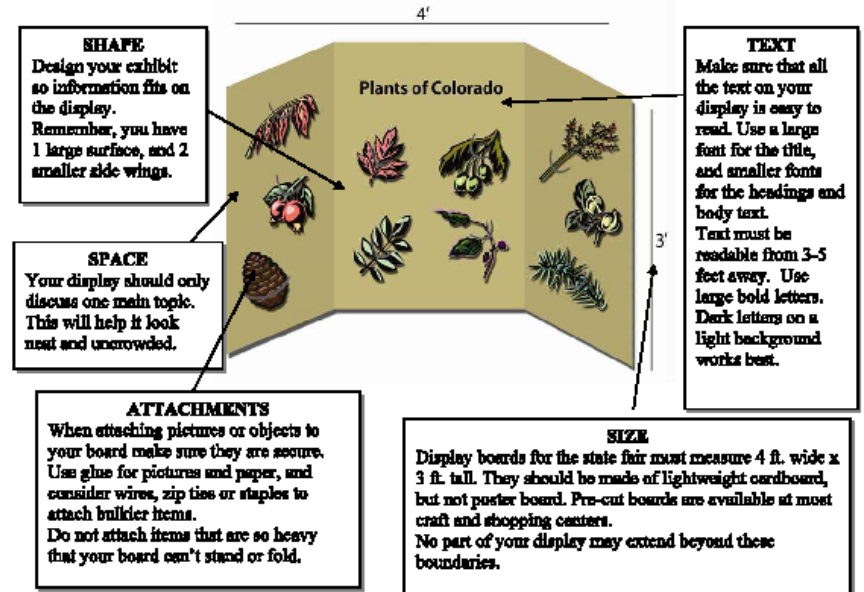
- An object

- County – no formal size limits

- For State (if selected) - 3 ft x 3 ft x 7ft (height)– as it's designed to be exhibited. If larger do a notebook with pictures and notes of stand-alone development

BOARD GUIDELINES

Display Board Guidelines for State Fair 4-H Exhibits

Display boards are a great way to share information, but when viewers walk by, they spend only 60-90 seconds looking at each display board. Make yours stand out by highlighting the main points of your project in a fun, interesting way.

Follow these guidelines to create a display board for the state fair.

4'

Plants of Colorado

3'

SHAPE
Design your exhibit so information fits on the display. Remember, you have 1 large surface, and 2 smaller side wings.

SPACE
Your display should only discuss one main topic. This will help it look neat and uncrowded.

TEXT
Make sure that all the text on your display is easy to read. Use a large font for the title, and smaller fonts for the headings and body text. Text must be readable from 3-5 feet away. Use large bold letters. Dark letters on a light background works best.

ATTACHMENTS
When attaching pictures or objects to your board make sure they are secure. Use glue for pictures and paper, and consider wires, zip ties or staples to attach bulkier items.
Do not attach items that are so heavy that your board can't stand or fold.

SIZE
Display boards for the state fair must measure 4 ft. wide x 3 ft. tall. They should be made of lightweight cardboard, but not poster board. Pre-cut boards are available at most craft and shopping centers.
No part of your display may extend beyond these boundaries.

DISPLAY BOOKS
Your e-record book should accompany your board. You may use 3-ring binders or other notebooks that will keep the pages securely inside.
You may not use slider-type binders.

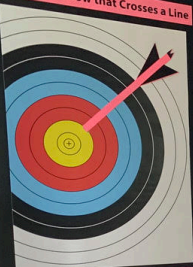Please place a label with the following information in the upper right-hand corner of the front cover:

County, Name, Project Area, and Class
(See example)

Sample

Adams County
010
Jane Doe
15
Animal Science
Vet Science
Class 009

3

EXAMPLES OF BOARDS

Stabilizers:
My Compound Bow Setups for Target Shooting and Hunting

Target Bow Setup

My target bow stabilizer setup includes a 28" stabilizer in the front with a 1-ounce weight and rubber dampener, and a 10" sidebar on the left side of the bow with 5 ounces of weight.

Why It's Good for Target

The longer length gives the bow more balance and stability. It doesn't need to be as maneuverable.
The side stabilizer counterbalances the sight and arrow rest to make the bow perfectly balanced on the left and the right.

Myths about Stabilizers

• Used to aim by lining it up with the target,
• Are stands for the bow,
• Won't benefit the average archer.

History of Stabilizers

The first patent for stabilizers was filed by Hoyt on July 3, 1961 and granted on July 27, 1965. It was made out of wood and had no dampening system.

The Purposes of Stabilizers

• Balance the bow,
• Take vibration out of the archer's hand, reducing fatigue,
• Place the weight in front of the bow,
• Keep the bow steady and stable,
• Can help all archers shoot better.

Think of a stabilizer like the heavy barrel of a high-end target rifle. A heavy barrel balances the rifle and removes recoil, increasing accuracy and steadiness for aiming.
If the target rifle didn't have the heavy barrel, it would move erratically and make it hard to maintain a consistent aim. The weighted barrel floats around the ten-ring. Stabilizers work in the same way to make the bow's sight float around the ten-ring.

Modern Stabilizers

Modern stabilizers are made of carbon or ABS plastic to make them rigid but light. The dampening materials can be rubber, gel, or sand. The weight is attached at the end of the stabilizer, after the dampener.

Hunting Bow Setup

My hunting bow stabilizer setup includes a 6" front stabilizer with dampeners spaced evenly throughout, 2 ounces of weight, and no sidebar.

Why It's Good for Hunting

The shorter stabilizer gives the bow balance without too much length, so it's more mobile and maneuverable. It dampens vibration and noise.

My Story

This year I learned a lot more about balancing my bows with a bow balancer, and stabilization for my target bow and hunting bow.
After balancing my target bow, I don't have to adjust my hand or grip my bow to keep it level. I can compete in a tournament and shoot 60 arrows, and my bow is balanced enough to not wear me out with weight and vibration.
I used my hunting bow for deer hunting and having my short stabilizer helped me be mobile when stalking for multiple hours.

Add It Up:
Scoring Archery Targets for 4-H Junior Archery 2020

Scoring an Arrow that Crosses a Line

If an arrow touches a line between two rings, it gets the higher score.

On this target, the arrow is crossing the line between 8 and 9, so it would be scored a 9.

Scoring the X-Ring

An arrow that lands in the middle of the target with the X or "spider" is scored as X. An X counts as 10 points.

Xs are used for tie-breakers. If two people shoot the same total score, the first tie-breaker is the most Xs.

Scoring the Target for 10 Yards

Arrows: 5 arrows.

Target Face: Single-spot 40 cm IFAA field target

Possible Scores: X, 10, 9, 8, 7, 6, Miss

How to Score: Start in the middle. The center is X. The next ring is 10. Count down by 1 for each ring.

Scoring the Targets for 20, 30, 40 Yards

Arrows: 5 arrows at each distance.

Target Faces: 10-Ring World Archery targets. The targets look the same, but get bigger for each distance.

20 Yards: 60 cm
30 Yards: 80 cm
40 Yards: 122 cm

Possible Scores: X, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, Miss

How to Score: Start in the middle. The center is X. The next ring is 10. Count down by 1 for each ring.

Keeping Score on Orion Scorecards

This is the scorecard juniors use for scoring at county shoots this year. Fill in the dot for one arrow on each line. Fill in the middle of the bubble only. The M stands for Miss.

My Story

I wanted to do this project about scoring because I learned how to score my arrows for 4-H this year. We score my arrows shooting 10, 20, 30, 40, but we are not shooting 3D. So I didn't show how to score 3D targets.

How To Get A Proper Sight Picture

Have you ever wondered how to get a proper sight picture with different sights?
Look at the three different sights here. Can you guess what they are? One of them is a scope sight, another a peep sight and the last an open sight. Test your skills and see if you know which is which.
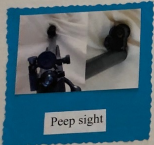
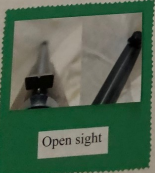What to do if you are using a proper sight picture but your shots aren't spot on

There are two ways to fix sights that aren't sighted in for you. The first option, adjusting your sights, is better to do if it is your firearm and you are shooting a practice round. The second option, compensation, is more useful when the firearm you are shooting doesn't belong to you and/or you are shooting a competition round.

Scope sight

Peep sight

Open sight

Sights | Target
Front sight | Target | Back sight

What sight am I?

What sight am I?

What sight am I?

Adjusting your sights

TOOLS FOR AIR RIFLE

Why do we use these?

All of the tools that we are allowed to use while shooting air rifle are either for safety; comfort; preventing multiple shots on a bull; or to help steady the rifle and therefore get better aim and scores.

Binoculars
Rules: Binoculars are optional depending on what the shooter would like

Benefits: You can use binoculars during a round to see where you shot, where you need to shoot next, make sure you don't have a cross fire, or see if you need to move your sights.

Safety Glasses
Rules: If you're not wearing eye glasses it is required that you use safety glasses. Safety glasses are available in kids and adult sizes so you can get the right fit.

Benefits: If something flies back from the rifle or backer you can be sure that it will not hit your eyes.

Ear Plugs
Rules: It is not required that you use ear protection but you can use it.

Benefits: Some people use them during competitions so they don't get distracted by other shooters or sounds.

Jacket
Rules: Jackets are required to shoot 3P and they are allowed in off-hand.

Benefits: They help to restrict your movement so you can get a better sight picture.

Stands
Rules: Stands may be used wile in standing position and are only allowed to be used wile resting and not during the shooting sequence.

Benefits: Stands help you not loose your footing during standing. They also allow you to rest between shots reducing fatigue and preventing rushing your shooting sequence.

Gloves
Rules: Gloves are allowed in 4P and off-hand and required in 3P.

Benefits: The glove helps you to maintain grip on the rifle wile not clenching your hand. Clenching the rifle can lead to fatigue and jerking.
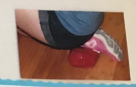
Slings
Rules: Slings may be used in all positions except standing in both 4P and 3P

Benefits: Slings attach to the bottom of the rifle and go around your arm and it helps steady the rifle.

Kneeling Rolls
Rules: Kneeling rolls are allowed in all classes but only in kneeling and it can't exceed 7 in. in diameter or 9½ in. in length. They can easily be made of old jeans or towels wrapped in duct tape.

Benefits: The roll helps support your ankle so it doesn't hurt as much while you are kneeling.

Mats
Rules: Mats are not required but they are a good idea because you lay on concrete and it's uncomfortable. Mats can be any thing from a strip of foam to a yoga mat but it can't exceed 1 in. in thickness and they shouldn't be to wide. Most mats are about 1½ to 2 feet wide.

Benefits: Mats make prone, kneeling, and sitting position more comfortable.

Pellet Holders
Rules: Pellet holders are optional and there are no guidelines. The picture above is of a .22 bullet holder so it looks a little different then a pellet holder would.

Benefits: Pellet holders help you remember where to shoot next and prevent shooting a bull twice and losing points.

Connect the Dots to Identify Ducks in the Wild

Identifying ducks in the wild is like doing a dot-to-dot puzzle.

You have to connect multiple dots to see the full picture of the duck species.

Feathers
Colors, Patterns

Feathers are the first thing that you notice about a duck, and the first step to identify it. When you see a duck, you immediately see its color. Duck species have various colors and patterns of feathers. These two ducks are both black and white, but their patterns are very different.

Bufflehead Drake

Hooded Mergansers Drake

Plumage
Mating Season

A duck's feathers can change depending on the season. In most species, feathers are most colorful during mating season, and then the duck molts and its feathers are less colorful during the summer.

Mallard Drake, Non-Mating Season

Mallard Drake, Mating Season

Size
Mass, Head, Neck, Shape

Some species of ducks have larger bodies, and others have smaller bodies. They have shorter or longer necks, their heads differ in size, and their shapes vary. Knowing the sizes in comparison to other ducks helps to identify them when they aren't close enough to see smaller details.

Northern Shoveler Drake

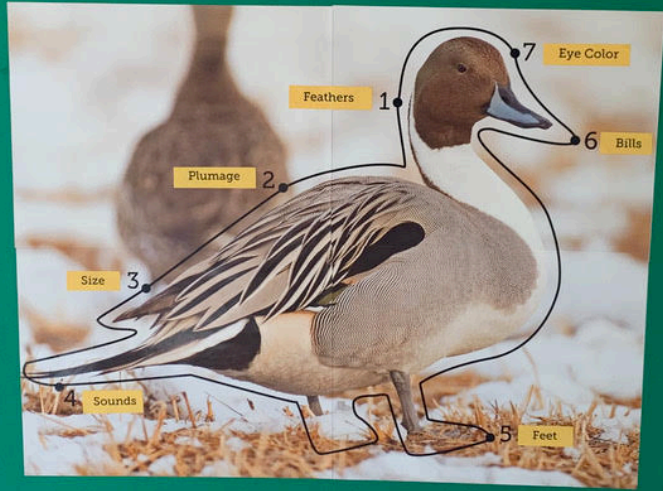*Green-Winged Teal Drake*

Sounds
Species, Drake vs Hen

Every duck makes a unique sound. The drake and hen of the same species even sound different. Memorizing the sounds of the duck species will make it easier to recognize the duck in the wild.

Mallard Hen

Mallard Drake

Feet
Color, Shape

Ducks have very colorful and useful feet. Knowing the color of the duck's feet adds one more piece to the puzzle of identifying it.

Mallard Drake

Coot Drake

Bills
Color, Shape, Size

Every duck has its own unique bill. There are different colors, sizes, patterns, and shapes. It's not easy to see from a long distance, but it is a good technique for recognizing the duck species.
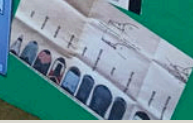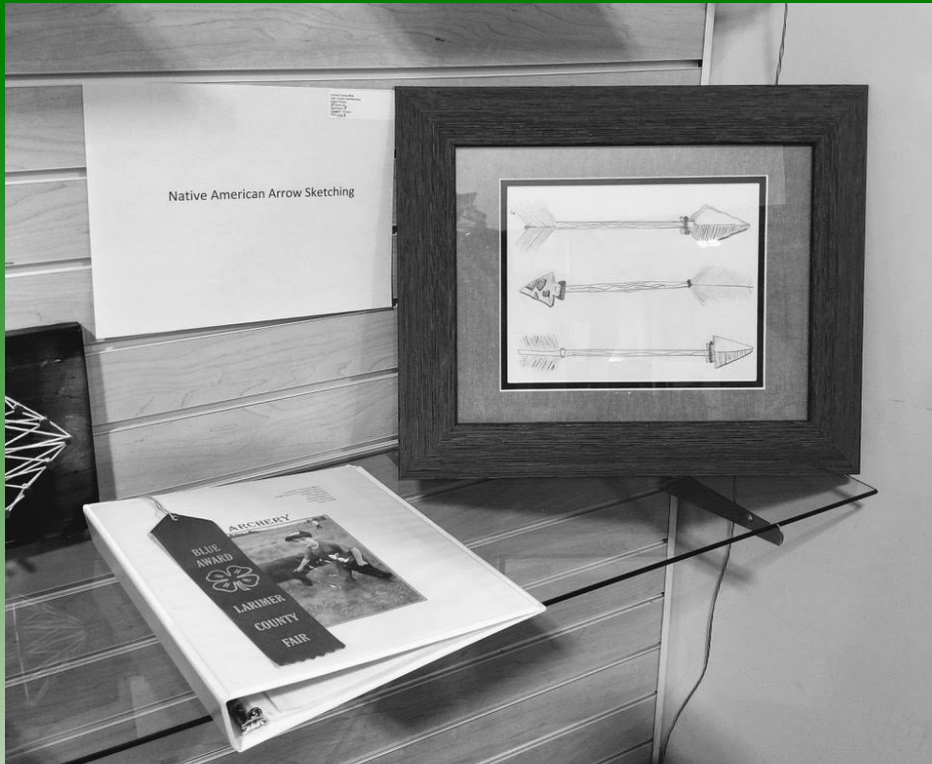
Redhead Drake

Canvasback Drake
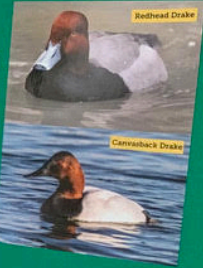
Eye Color

Ducks have various colors of eyes. The duck must be very close to use this method to identify it, so it's the last step.
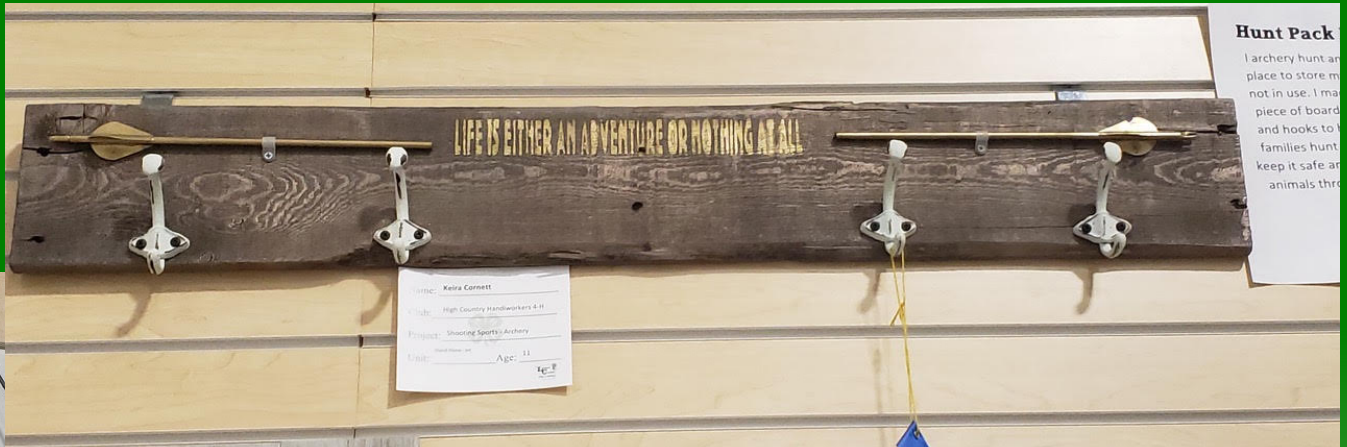
Coot Drake

Northern Shoveler Drake

Tools
Guides, Apps

Waterfowl identification tools are available to study and to reference in the field. There are also apps that you can download for your phone, but phones and water don't mix. They're better for learning more at home.

Diagram labels
1 — Feathers
2 — Plumage
3 — Size
4 — Sounds
5 — Feet
6 — Bills
7 — Eye Color

Question: Can you identify this duck?

Answer: (please open)

WATERFOWL IDENTIFICATION CENTRAL FLYWAY

EXAMPLES OF STAND ALONES

Native American Arrow Sketching

Hunt Pack

I archery hunt and
place to store m
not in use. I ma
piece of board
and hooks to
families hunt
keep it safe an
animals thro

LIFE IS EITHER AN ADVENTURE OR NOTHING AT ALL

Name: Keira Cornett
State: High Country Handiworkers 4-H
Project: Shooting Sports - Archery
Unit: Hand Items - Set   Age: 11

Replica Native American Quiver

BLUE
AWARD
LARIMER
COUNTY
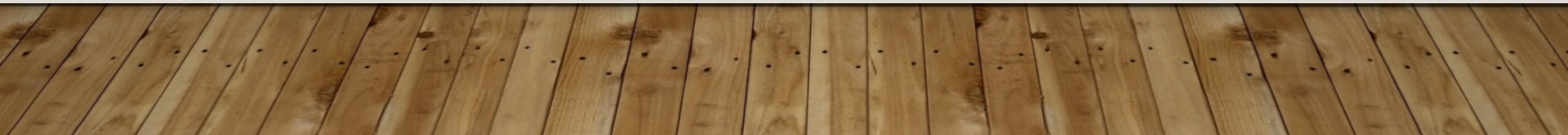FAIR

All Dates in this Presentation are accurate as of May 12, 2021
Please watch for any new updates

WORKSHOPS 2 AND 3

- Wednesday, June 9, 6:30pm at McKee Center - Run through the record book to answer questions on each section, answer questions about projects, talk about fair registration.

- Wednesday, July 14, 6:30pm at McKee Center - Bring in your record books and projects so we can answer questions or give help as needed. Talk about interview and check-in day for fair. Any other questions you have to be ready for fair!

IMPORTANT COUNTY FAIR DATES

- Mid May – Fair Enrollment opens

- July 1 – Hunter Safety Card Uploaded to 4-H Online – with the new system this may not be required this year

- July 9 – Fair Entry Deadline

- July 28-Aug 1 – Schedule Interviews for Fair

- Aug 3 – Interview and Exhibit Check-In Day

- Aug 6-10 – County Fair

- August 11 – Exhibit Check Out 7am-10am

- August 11-13 – Premiums Available – times in Master Calendar

- August 17 – State Fair Exhibit Check-In 7:30am-10am

COUNTY SHOOT DATES

- June 29 - Shotgun - Skeet and 5 Stand

- July 6 - Shotgun - Trap

- July 10 - Archery

- July 13 - .22 Pistol

- July 17 – Muzzle and .22 Rifle

- July 18 – Air Pistol and Air Rifle

PROJECT INFORMATION

www.lc4hss.org/projects

- Project Ideas List

- Larimer County Project Exhibit Rules/Requirements

- Class Numbers for completing Entry Form

- Fair Entry Form

- Display Board Guidelines – good information on how to layout your board

- Judging Forms

QUESTIONS SO FAR

DON'T FORGET THIS WEBSITE

Larimer County Shooting Sports website

lc4hss.org

WHAT'S NEXT

- Look at the Boards and Stand- Alones for some ideas

- Decide on Display Board or Stand-Alone

- Get book started (or keep working on it)

- Ask questions of shooting sports leaders, project leader in your club, club leaders familiar with shooting sports

- Get registered for Fair

- County Shoots for each discipline (if you are participating in county practices)