

## Maryland 4-H Animal Science – Livestock Market Project Record

Name		4-H Age	
Primary Club Name			
Years in 4-H		Years in this Project	

I have completed this record and believe all information to be complete and accurate.

_____	_____	_____	_____
Member's Signature	Date	Parent's Signature	Date

Please indicate your Animal Science Project Area

Beef/Dairy Steer

Market Goat

Market Sheep

Market Swine

What goals did you set for your project this year and did you achieve them?

1.

2.

3.

What were two things you learned from completing this project this year?

1.

2.

What is one thing you would like to improve or do differently with your project next year?

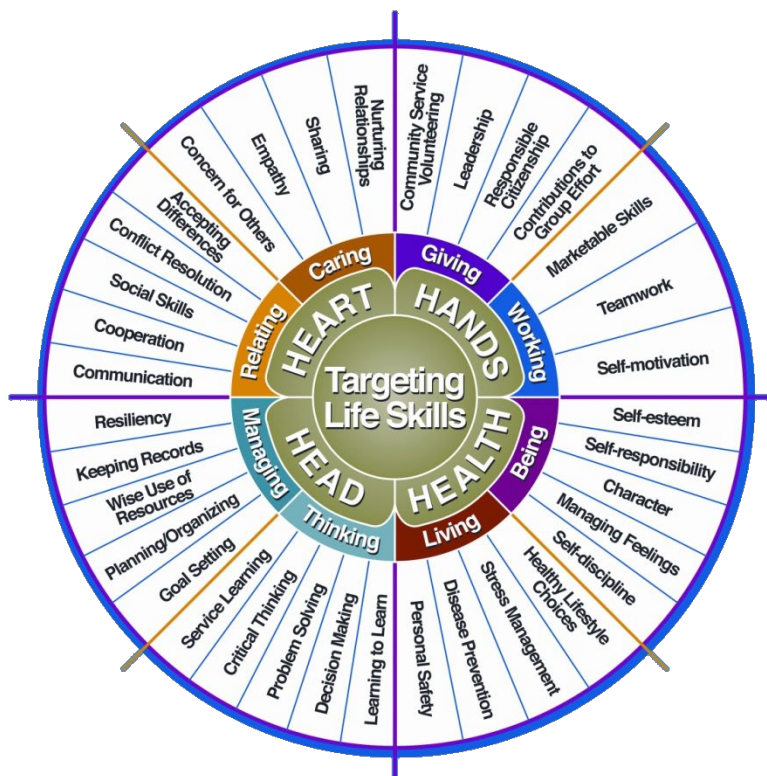
## Life Skills

Describe the Life Skills you used and what you learned in relation to your project.  
Example Table

I used one or more of these Life Skills from the Targeting Life Skills Wheel	What I learned as a result of using this skill.
<b>HEAD</b> Example: Decision Making	<i>I learned that I needed to be sure to budget my money when purchasing my rabbit projects so I would have enough to cover all of my expenses.</i>
<b>HEART</b> Example: Sharing	<i>I learned how to give younger 4-H members pointers on how to fit and show their animals properly.</i>
<b>HAND</b> Example: Healthy Life Choices	<i>I learned that animals don't grow well unless they receive the proper food.</i>
<b>HEALTH</b> Example: Managing Feelings	<i>I learned to control my feelings when I became frustrated that my pig would not cooperate to get loaded on the trailer</i>

I used one or more of these Life Skills from the Targeting Life Skills Wheel	What I learned as a result of using this skill.
<b>HEAD</b>	
<b>HEART</b>	
<b>HAND</b>	
<b>HEALTH</b>	

The diagram below shows many of the Life Skills learned in 4-H:



Courtesy of Iowa State University-Used with Permission 11/2012

### Project Activities

Include: Field Trips, Skillathon, Judging, Workshops, Quality Assurance, Class Participation, etc.  
All project activities listed should be about this project area only.

Date	Name of Activity/Event	Location <small>(School, Club, County, Regional, State, National etc.)</small>

### Project Communications

All project communications listed should be about this project area only.

Date	Type of Communication <small>(Speech, Demonstration, Visual Presentation, etc.)</small>	Title	Location <small>(School, Club, County, Regional, State, National etc.)</small>

### Project Exhibits

Include: Fairs, Shows, Community Events, etc.  
All project exhibits listed should be for projects in this area only.

Date	Exhibit	Location/Event	Placing <small>(if applicable)</small>

**Table 1: Information on Project Animals**

Project Animal Description			Beginning of Project			End of Project				Final Production		
Breed	Sex	Identification 4-H Tag #	Weigh-in Date	Weight	Purchase Cost or Market Value	Weigh-in Date	Weight	Selling Price or Market Value	Death, Loss, or Sold Date	Days On Feed	Lbs. Gained	Lbs. Per Day
TOTALS --												

**Lbs Gained Per Day**

To calculate lbs. gained take the lbs. gained and divide by the number of days on feed.

**Table 2: Feed Expenses**

Date Purchased	Type of feed (grain, mix, hay, supplement, pasture, silage)	\$/lb (total cost divided by lbs)	Pounds (lbs)	Total Cost
<b>Total pounds and total feed costs</b>				

**Feed Efficiency**

To calculate feed efficiency take the total pounds gained by all of your market animals and divide that by the total pounds of feed you have fed them.

Feed Efficiency = \_\_\_\_\_

**Table 3: All Other Expenses**  
(Bedding, Insurance, Entry Fees, Equipment, Sale Commission, Supplies, Etc.)

Date	Description of Item or Expense	Cost
<b>Total All Other Expenses</b>		

**Table 4: Health and Veterinary Expenses**

List practices & materials used to treat or protect your animals from parasites, illnesses, & diseases. Include veterinary examinations, health papers, treatments for illnesses or injuries, foot care, vaccinations, medications & dewormers etc.

Date(s) Treated	4-H Tag#/ Animal ID	Reason for Treatment or Veterinary Visit	Treatment Given	Withdrawal Period		Cost
				Days	Date Completed	
<b>Total Health and Veterinary Expenses</b>						

**Table 5: Sale Animal Income**

Income from animals sold through 4-H Livestock Sale(s), Privately Sold, Sold at Livestock Auction, etc.

Date Sold	Description of Income (Include 4-H Tag #)	Final Weight	Gross Sale (Amount of Check)	\$/lb (net sale/final weight)
<b>Total weight and value of animals sold</b>				N/A

**Table 6: All Other Income**

Include all other income from project animal(s) including premiums, products (wool, etc.) , etc.

Date	Description of Income	Income \$
<b>Total All Other Income</b>		

**Financial Summary: Please make sure to use the above totals.**

Determine how much money you made or lost on your project animals. You can determine your profit (or loss) by:

**A. Add Income**

- 1. Sale Animal Income (Table 5) \$ \_\_\_\_\_
- 2. All Other Income (Table 6) \$ \_\_\_\_\_

**Total Income (A) \$ \_\_\_\_\_**

**B. Add Expenses**

- 1. Project Animal Costs (Table 1) \$ \_\_\_\_\_
- 2. Feed Expenses (Table 2) \$ \_\_\_\_\_
- 3. All Other Expenses (Table 3) \$ \_\_\_\_\_
- 4. Health and Veterinary Expenses (Table 4) \$ \_\_\_\_\_

**Total Expenses (B) \$ \_\_\_\_\_**

**Subtract B from A to get profit or loss Total \$ \_\_\_\_\_ (profit or loss)**

University programs, activities, and facilities are available to all without regard to race, color, sex, gender identity or expression, sexual orientation, marital status, age, national origin, political affiliation, physical or mental disability, religion, protected veteran status, genetic information, personal appearance, or any other legally protected class.