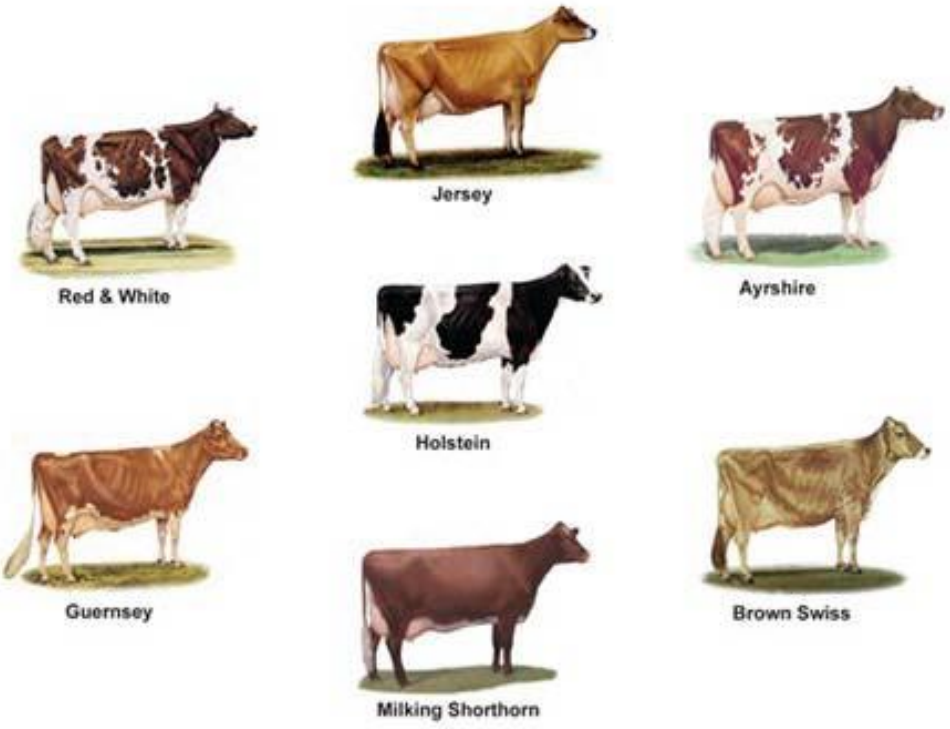
RUTGERS
New Jersey Agricultural Experiment Station

My 4-H Dairy Project Record Book



For use by New Jersey 4-H dairy project members

Member name: _____ Grade: _____

4-H County: _____ Years in Project: _____

Name of club: _____ 4-H Year: _____

Club leader's name: _____

Table of Contents

Goals..... Page 3
Animal Inventory ..... Page 4
Feed Record..... Page 5
Health/Medical Expenses and Other Expenses ..... Page 6
Profit and Loss Statement ..... Page 7
Animal Care and Management..... Page 8
Keeping Track of Your Animal's Heart Girth .....Page 9
Keeping Track of Your Animal's Height.....Page 10
Milk Production Record.....Page 11
Lease Agreement.....Page 12-14
4-H Story .....Page 15
4-H Pictures .....Page 16
Knowledge and Skills I Gained.....Page 17
End of Year Signatures.....Page 18

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Based on "My 4-H Record Book," by Keith G. Diem, Ph.D., Affiliate Specialist in Educational Design.

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Check out NJ 4-H online at : http://nj4h.rutgers.edu



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GOALS

My goals for this year (To be completed at the beginning of the project year).	What I need to do to reach these goals? (Complete at the beginning of the Project year).	Initial and Date	What I did to accomplish these goals. (Complete at the end of the project year or at goal completion).
		Member _____/_____ Parent _____/_____ Leader _____/_____	
		Member _____/_____ Parent _____/_____ Leader _____/_____	
		Member _____/_____ Parent _____/_____ Leader _____/_____	
		Member _____/_____ Parent _____/_____ Leader _____/_____	

Set your goals for next year. Try to set at least one goal. (Complete at the end of the project year).

My goal(s) for next year is:	What I will need to do to accomplish that goal(s).

Animal Inventory

Animal name or herd number	Registration number	Breed	Birth date or age	Date of Purchase /Lease	How animal left herd & date	Sex	Value*	
							Proj. Start	Proj. End
Example: ***Aaron***	***Not registered***	***Holstein***	***4/18/02***	***Born in herd***	***Sold 4/30/02***	**B**	***75***	*150*
Example: ***Elsie***	***60024777***	***Jersey***	***3/14/00***	***5/1/00***	***Sold 10/25/00***	**H**	*400*	*500*
Total Value of Project Animals (Add value of all animals and put these numbers in boxes at right.)								

* If the animal was a gift or born in your herd, estimate the value.
* If the animal was given away or traded, estimate the value.

(You may add more copies of this page if necessary).

(It is suggested that you add a copy of the animals(s) registration papers).

Animal Care and Management

Because your project is a living creature, it requires regular care and management. Here is a place to explain what you regularly do for or with your animal on a daily, weekly, monthly, and yearly basis if you own your own animal(s). Be as specific as possible. Don't forget to list the following:

- Feeding and watering practices
- Grooming (clipping, trimming hooves)
- Cleaning pens, food and water containers
- Health practices and medicines

If you own your animal(s) fill out this chart.

What I did with my project animal . . .
Daily
Weekly
Monthly
Yearly

If you lease your animal(s) fill out this chart.

Date you visited the farm	What did you do?

Farmer's Signature: _____ Date: _____

(You may add more copies of this page if necessary.)

Project Finances

Feed Record

Record the amount of feed and its value given to your animal every month.
Each project animal must have their own feed record.

Animal's Name: _____ **Birth date: _____**

	GRAIN		HAY		SILAGE		OTHER		MILK		PASTURE	MONTHLY TOTAL VALUE
MONTH	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value	Value	
YEAR TOTAL												

How much grain did your animal eat? _____ pounds What did it cost? _____

How much hay did your animal eat? _____ pounds What did it cost? _____

How much silage did your animal eat? _____ pounds What did it cost? _____

How much "other" did your animal eat? _____ pounds What did it cost? _____

How much milk did your animal drink? _____ pounds What did it cost? _____

How many days was your animal on pasture? _____ What did it cost? _____

How much did it cost to feed your animal this year? _____

Health/Medical expenses (including veterinarian, medicine and breeding charges)

Date	Description of expense (include quantities)	Cost ($)
	Total Health Expenses	

Other Expenses (such as purchasing animals, shows, transportation and equipment)

Date	Description of expense	Cost ($)
Total Other Expenses		

Income

Description of Income	INCOME
Total Income	

Profit and Loss

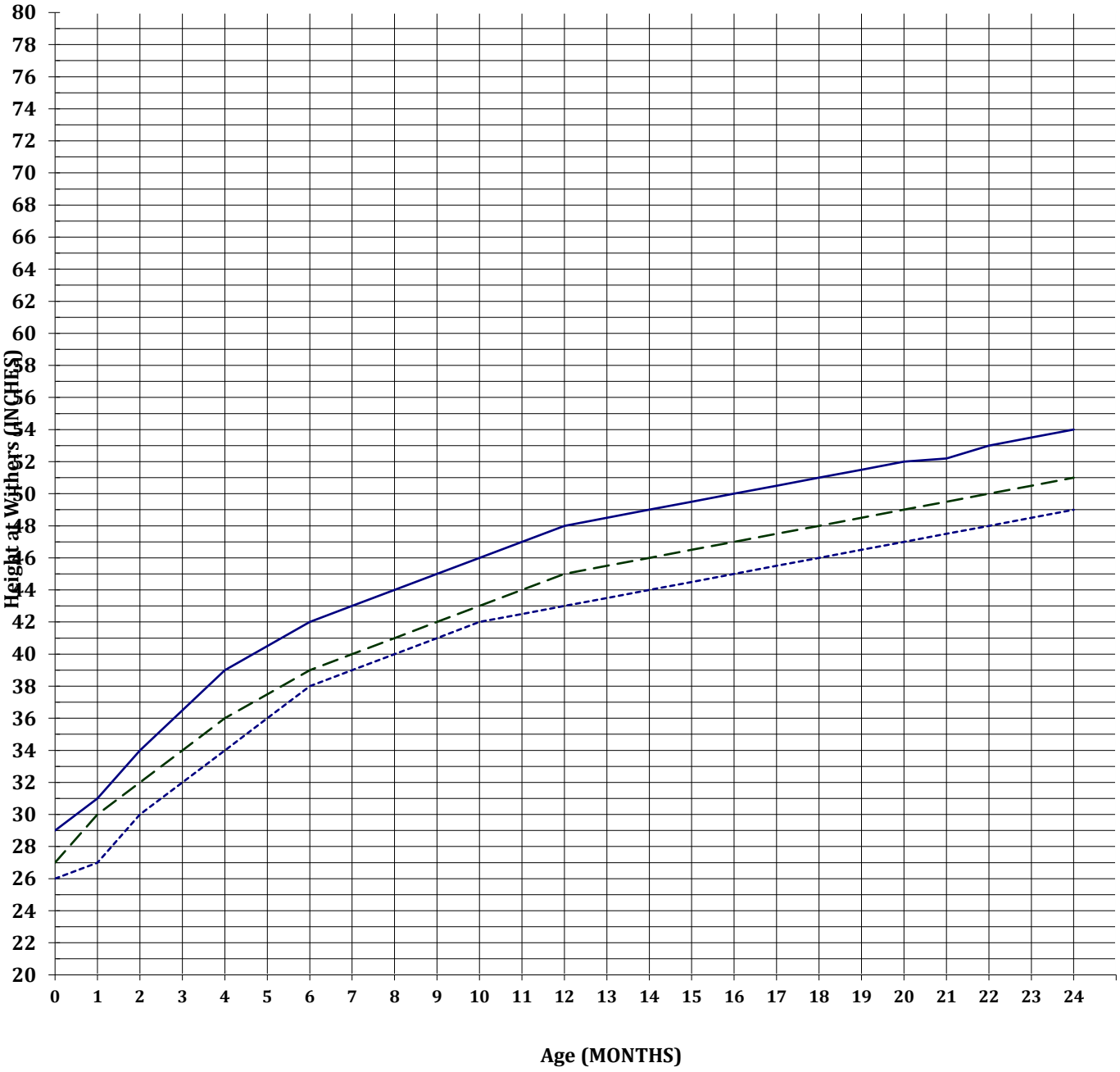
ITEM	EXPENSE	INCOME	BALANCE
Feed Cost (pg. 7)			
Health Expenses (pg. 8)			
Other Expenses (pg. 8)			
Milk Income (pg. 12)			
Other Income (pg. 9)			

Ending Balance: _____

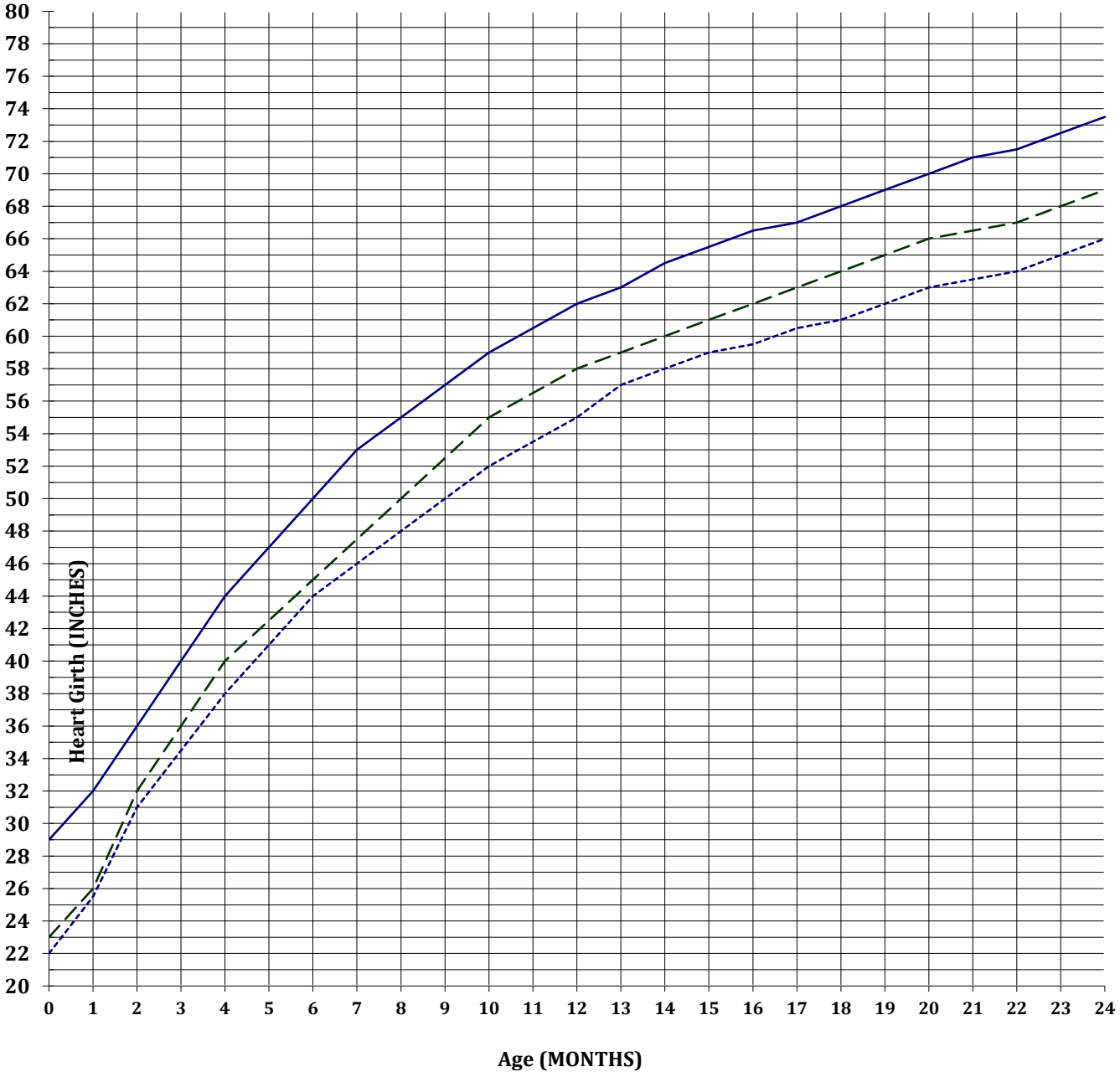
Breeding Record

Animal Name	Date of Breeding	Bull name	Due Date

Height Growth Rate for Heifers



Heart Girth Growth Rate for Heifers



Milk Production Record

If you have milking animals on DHIA, use this form or attach copies of the DHIA records for each milking cow.
Animal Name_____ **Registration Number** _____ **Breed**_____
Date of Birth_____ **Calving Date** _____

Testing Period		Date Tested	Days in Milk	Test Day Data			Price per 100 lbs	Milk Income	Lactation to Date		
From Month/Date	To Month/Date			Milk pounds	Percent Fat	Percent Protein			Milk pounds	Percent Fat	Percent Protein
						Totals					

Fill this chart out if you do not test DHIA.

Average Lbs. of Milk													
Month													
Number of Days in Month													
Totals													

(You may add more copies of this page if necessary.

AGREEMENT

NJ 4-H Lease/Borrow Agreement
Between 4-H Member and Legal Owner

Name of 4-H Member: _____
Address: _____
Town: _____ State: _____ Zip: _____
County: _____ Phone: ( )_____
Grade: _____(as of Jan. 1st) email:_____
4-H Club: _____

I have read the 4-H Animal Lease/Borrow Agreement and will abide by all of the requirements.
_____ Date: _____
4-H Member Signature
_____ Date: _____
Parent/Guardian Signature

LEGAL OWNER OF ANIMAL
Name: _____
Address: _____
Town: _____ State: _____ Zip: _____
County: _____ Phone: (_____)_____

I have read the NJ 4-H Animal Lease/Borrow Agreement. I will abide by it and loan the following animal(s) to the 4-H member noted above.
_____ Date: _____
Legal Owner Signature

☐ **Beef** ☐**Dairy** ☐**Goat** ☐**Lamb** ☐**Sheep** ☐**Other**_____

Animal's Name	ID/Registration #	Ear Tag/Tattoo # (if applicable)	Breed	Date of Birth	Sex

☐ I verify that the 4-H member is a Member in Good Standing.

_____ _____
Leader's Signature Date

☐ I verify that the member is a Member in Good Standing.

_____ _____
County Agent's/Program Associate's Signature Date

Forms must be received in the 4-H Extension Office by May 1

NJ 4-H Animal Lease/Borrow Program

Objective of the 4-H Animal Lease/Borrow Program

The objective of this program is to allow youth who do not have the resources to raise/own a 4-H animal project the opportunity to have a project animal through leasing or borrowing. The 4-H member will gain firsthand experience in the management and showing of 4-H animal projects through the cooperation of local animal owners.

Rules of the Lease/Borrow Agreement

1. To be valid, the agreement must be signed by owner, 4-H member and a parent/guardian. Upon signature of all parties involved, this Lease/Borrow Agreement is subject to the rules described herein.
2. The term of the lease/loan shall be the date the legal owner signs the form, until the end of the 4-H project year.
3. The project animal and lease/borrow agreements must be registered in the county 4-H Office as of May 1st of the current year.
4. During the term of the agreement, the animal is a 4-H project. The 4-H member must keep a project specific 4-H Record Book and a Diary to document the actual time spent caring for the project animal. Care includes the number of visits and specific work/care performed.
5. The 4-H member must agree to physically care for this animal to the fullest extent possible. A care schedule will be worked out between the owner of the animal and the 4-H member. (The attached 4-H Member & Responsibilities form can be completed.)
6. No animal substitutions may be made between May 1st and the conclusion of the 4-H project year. In the case of death, the Owner and Member may wish to make an agreement on another animal of similar age.
7. The Owner agrees not to sell the animal after signing the agreement and the NJ 4-H project animal show and/or end of project year.
8. At the end of the lease, the Owner and 4-H Member may choose to renew the agreement for another year.
9. All 4-H rules, policies, requirements for specific animal project apply to this project.
10. The land owner, leader or legal owner must be held harmless by the 4-H Member, friends, family, etc. if any injuries occur unless gross negligence can be attributed to the land owner, leader or legal owner.

Rules of Specific Project Animal Agreement

BEEF

1. Animals must be under one year of age the first time the 4-H Member leases.
2. A 4-H Member may enter into only one new lease each 4-H project year.

DAIRY

1. The first year an animal is leased by the 4-H Member, it must be a Junior heifer calf, Senior heifer calf, or Junior yearling heifer. It cannot be an animal which was shown the previous year by another individual.
2. To be eligible for the lease/borrow program, a 4-H Member must not currently own (or purchase within current project year) a dairy cow or calf.
3. A 4-H Member may enter into only one lease their first year in 4H. After the first year, they may enter into 1 or 2 new leases per year.

LAMB

1. The lamb owner has the right to cancel the lend agreement at any time if the 4-H Member is not caring for the animal properly to where the 4-H Member has caused harm to the health and welfare of the animal.

Project Year:

NJ 4-H Animal Lease/Borrow Agreement
4-H Member and Owner Responsibilities

Subject	Owner Responsible	Member Responsible	Comment (i.e. times/week/month)
Routine Care			
Daily Feeding	☐	☐	
Foot Trimming	☐	☐	
Grooming (shearing, clipping)	☐	☐	
De-worming	☐	☐	
Housing of Animal(s)	☐	☐	
Breeding	☐	☐	
Cleaning Facilities	☐	☐	
Exhibition			
Transportation to/from	☐	☐	
Veterinary Inspection	☐	☐	
Expenses			
Feed	☐	☐	
Veterinary (routine)	☐	☐	
Veterinary (exhibition)	☐	☐	
Transportation costs	☐	☐	
Rental Fee/Animal	☐	☐	
Equipment			
Buckets	☐	☐	
Halters	☐	☐	
Shears/Clippers/Scissors	☐	☐	
Fitting Equipment	☐	☐	
Other			
Product (fleece, milk, offspring, etc.)	☐	☐	
Insurance	☐	☐	

_____ _____ _____

Member Signature **Parent Signature** **Owner Signature**

Project Year Story

You will share many experiences with your animal(s) that will include fun and hard work. As a part of this year's record, write about them and it is suggested you answer the following questions.

1. When and how did you obtain your animal?
2. How did you prepare your animal for the Fair?
3. What did you feed your animal?
4. What problems did you encounter and how did you solve them?
5. What would you do differently next year?
6. What are 3 important things you learned this project year?

(you may add additional pages if necessary)

4-H is proud of what 4-H members learn and sometimes likes to use experts (parts) of stories 4-H members write in 4-H publicity. If you do NOT want your information shared, please let us know by checking one of the boxes below:

- ☐ Do NOT use my story
- ☐ If you use my story do NOT use my name

Picture Page

Include at least 3 pictures of your animal with captions underneath describing what is occurring in each. Try to use pictures of when you first obtained your animal, halfway to the fair and just before the fair to show how working with your animal has progressed.

Knowledge and Skills I Gained

There are many things to learn in 4-H. Check each item below that you learned or improved in 4-H during the past year.

I learned or improved my ability to…

HEAD (*Independence*)

- ☐ try something new
- ☐ set goals for myself
- ☐ plan a project
- ☐ keep myself organized
- ☐ keep track of finances
- ☐ keep records of my work
- ☐ gain knowledge of my project
- ☐ get more information about something I am interested in
- ☐ use resources wisely
- ☐ participate in a business meeting
- ☐ run a business meeting
- ☐ make wise choices and decisions
- ☐ solve problems
- ☐ learn from my mistakes
- ☐ understand that it's ok to change my mind if I need to
- ☐ pay attention to instructions

HEART (*Belonging*)

- ☐ speak confidently in front of a group
- ☐ give a public presentation
- ☐ share my feelings or point of view
- ☐ make myself understood without bullying or being loud
- ☐ listen to other people
- ☐ respect someone else's feelings
- ☐ resolve differences of opinion
- ☐ appreciate my cultural heritage
- ☐ accept people who are different from me
- ☐ get along with other kids
- ☐ make others feel welcome
- ☐ stand up for others
- ☐ make new friend
- ☐ appreciate the importance of friendships in my life

My grade in school: ☐

Number of years in 4-H ☐

HANDS (*Generosity*)

- ☐ work with others
- ☐ work within a group
- ☐ work within a committee
- ☐ work with adults
- ☐ get past differences to reach a goal
- ☐ help others succeed
- ☐ make something with my hands
- ☐ explore a career interest
- ☐ follow directions
- ☐ lead others
- ☐ find ways to make a positive contribution to society
- ☐ understand the importance of community service
- ☐ see that my efforts can make a difference
- ☐ take the initiative to start something on my own

HEALTH (*Mastery*)

- ☐ understand my strengths and weaknesses
- ☐ finish something I started
- ☐ be proud of my accomplishments
- ☐ accept change
- ☐ see that my character can effect a situation
- ☐ take responsibility for my own words and actions
- ☐ deal with winning and losing gracefully
- ☐ be careful and practice safety
- ☐ appreciate the importance of good health
- ☐ stay healthy
- ☐ feel good about myself

Other: _____

_____

_____

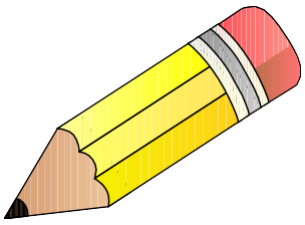
_____

Revised 2011

End of Year Signatures

By signing below, I am stating that I have completed this record book myself and, to the best of my knowledge, the information included in it is correct.

4-H member Signature	**Date**



By signing below, I am stating that I am familiar with this work and, to the best of my knowledge, the member completed this record book and the information included in it is correct.

Title	**Signature**	**Date**
Parent		
4-H club leader		

The 4-H Pledge

I PLEDGE . . .

. . . my HEAD to clearer thinking,

. . . my HEART to greater loyalty,

. . . my HANDS to larger service,

. . . and my HEALTH to better living,

for my club, my community,

my country, and my world.



4-H Motto

To Make the Best, Better

4-H Slogan

Learning by Doing