

Stable Relationships



PEER REVIEWED

NATIONAL 4-H CURRICULUM
Product Number 01520Y



Level 3: Horse Care



4-H Skills
for Life
Animal Series



Note to The Horse Project Helper

You have a key role in helping youth learn about both horses and themselves. Your enthusiasm and ability to ask thought-provoking questions are essential to helping youth get the most out of this project. You can help in goal setting, identifying resources, creating presentations, thinking about choices, and evaluating youth progress.

HORSE PROJECT ACTIVITY GUIDES

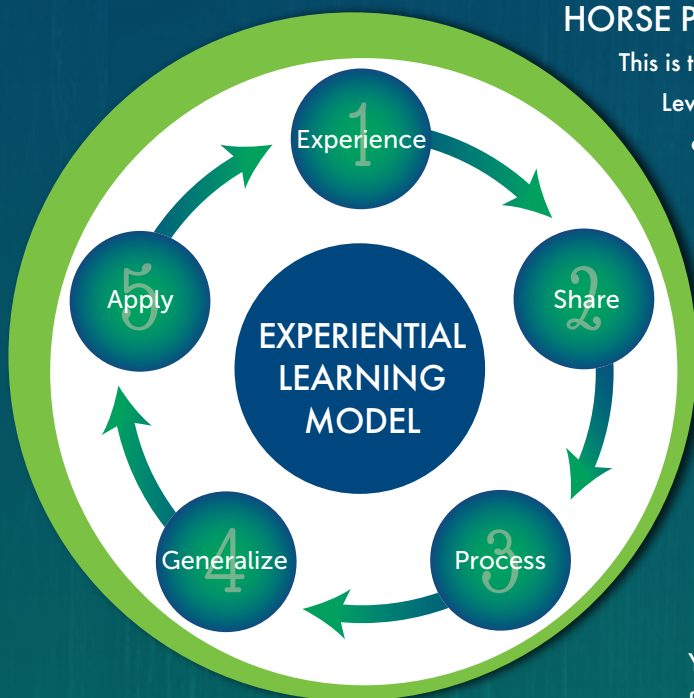
This is the third in a series of five horse project activity guides for youth.

Levels 1-3 focus on "horseless" activities, while Levels 4 and 5 zero in on riding and horsemanship. Each guide contains an achievement program to encourage youth to learn and develop life skills.

Your assistance in completing the achievement programs is very important.

In each activity, you'll find a description of the project and how it relates to other life situations. Life skills are recognized, questions follow each activity, suggestions are given for activity extensions, and additional helpful information is presented. The activities are designed for youth to experience new information in a hands-on format. With your help, youth reflect on what they did and how it relates to their lives.

Your challenge is to allow youth to explore the activities and learn from their experiences, even if it doesn't work the way he or she expects. In the "Stable Talk" sections, the best way for you to help a young person learn is to listen as he/she considers each question and draws individual conclusions. You may also need to help youth find additional resources.



Pfeiffer, J.W., & Jones, J.E., "Reference Guide to Handbooks and Annuals" ©1983 John Wiley & Sons, Inc. reprinted with permission of John Wiley & Sons, Inc.

HORSE PROJECT HELPER'S GUIDE

This guide provides additional learning by doing activities that can be adapted for the family, 4-H project groups, clubs, classrooms, or other groups. Additionally, helpful hints about life skill development, characteristics of youth at different ages, and answer to some of the activities in the five youth guides all can be found within the helper's guide.

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INTRO

Having Fun with Stable Relationships

Let's learn more about horses! Through this horse activity guide, you will improve your overall knowledge of horses. Equine reproduction, illnesses, health care, shelter, and finances are just a few of the topics covered in this activity guide. Go ahead and jump right in—Let's build stable relationships!

The purpose of this guide is to challenge you to learn more about horses. To help you, additional resources may be needed for some activities. The internet, magazines, books, DVDs, and information from breed associations and feed manufacturers can help you. Additionally, the public library, other horse enthusiasts, and your extension center will have more information to guide you through your horse activities. The eXtension online learning site also has great learning resources related to horses. To participate in various activities referred to in this manual, create a username and password at <http://campus.extension.org/>. It's simple!

Not only will you learn a lot about horses through this project, but you will also learn a lot about yourself, too! Many skills learned can be applied in all areas of your life, such as:

- Decision-making
- Planning/organization
- Critical thinking
- Money management
- Career awareness

As you complete the activities, answer the questions and record your project highlights. Writing down your progress will help you realize how much you have learned. Don't forget to use the notes section to record important things you have learned. Take pictures, and have fun!

LEVEL 3 PROJECT GUIDELINES

- Complete a minimum of seven Level 3 activities each year.
- Complete Level 3 within three years.
- Keep the Planning Guide current by setting project goals and recording the project highlights you experience. Use extra paper or electronic resources (computer, tablet, smart phone, etc.) if needed.

HORSE ACHIEVEMENT PROGRAM

While you are having fun doing the activities, you'll also be completing Level 3 of the Horse Achievement Program shown on page 4. There are five levels in this program—one in each of the horse project activity guides. This program will help you set goals, record your successes, and be recognized for your work.

YOUR PROJECT HELPER

Your project helper is on your team, supporting you and making learning fun. This person may be a parent, project leader, or advisor. The choice is yours! As you complete the activities, you'll discuss what you did and the questions in the "Stable Talk" section with your helper. Sometimes, your helper will work with you to find people, groups, events, books, websites, and magazines to help complete an activity. After completing each activity, your helper will initial and date your achievement program chart on page 4. Record your progress using Twitter or Instagram, using #4HHorseProject as the hashtag!

PHOTO OF PROJECT HELPER

MY PROJECT HELPER

Name:

Phone Number:

Email:

MY STABLE RELATIONSHIP GOALS

1. _____

2. _____

3. _____

Before and After WHAT DO YOU KNOW?

Before you begin working on the activities in this guide, indicate what you know now. Then, when you complete Level 1, write down what you know after. You may be surprised to see what you learn! Share the results with your helper.

Begin each skill with the words:

I know how to_____. Then circle 1 (to a great extent), 2 (somewhat), or 3 (not at all).

BEFORE AND AFTER—WHAT DO YOU KNOW?

I KNOW HOW TO....	BEFORE			AFTER		
Identify parts of a horse's reproductive system.	1	2	3	1	2	3
Describe pros and cons of breeding a horse.	1	2	3	1	2	3
Describe basic genetic concepts related to horse breeding.	1	2	3	1	2	3
Explain the impact of parasites.	1	2	3	1	2	3
Describe symptoms, causes, prevention, and treatment of 10 horse diseases.	1	2	3	1	2	3
Identify causes and prevention of colic.	1	2	3	1	2	3
Demonstrate injection techniques and explain the differences.	1	2	3	1	2	3
Describe types of fencing and evaluate them for visibility, safety, and cost.	1	2	3	1	2	3
Outline pasture management practices.	1	2	3	1	2	3
Build a model horse barn.	1	2	3	1	2	3
Select appropriate horse bedding materials.	1	2	3	1	2	3
Determine total horse expenses for one year.	1	2	3	1	2	3
Develop a one-year financial business plan for a horse stable.	1	2	3	1	2	3
Determine body condition scores for ten horses.	1	2	3	1	2	3



Achievement Program

- Do at least seven of the required and optional Spur You On activities in Level 3 each year.
- Complete at least 21 of the required and optional Spur You On activities in Level 3 within three years to complete this program.
- Have your project helper date and initial the activities as you complete them.

When you've completed the program, don't forget to get your achievement pin from the 4-H Mall!



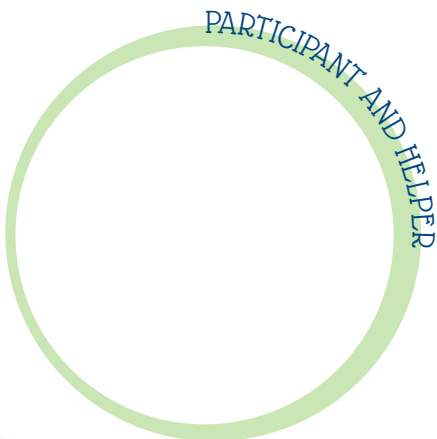
REQUIRED ACTIVITIES COMPLETION CHART

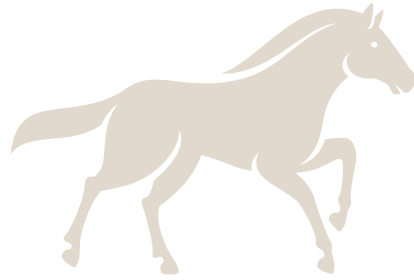
ACTIVITY	DATE COMPLETED	HELPER'S INITIALS
Reproduction		
Chapter1: Repro Roundup		
Chapter2: Tis the Season to be Foally		
Chapter3: Fishing the Gene Pool		
Health		
Chapter4: Colic, Strangles, and Flu, Oh My!		
Chapter5: Nutritional Bank Robbers		
Chapter6: Quit Bellyaching!		
Chapter7: Take Your Best Shot		
Housing		
Chapter8: First Line of Defense		
Chapter9: Put Out to Pasture		
Chapter10: If You Built It, They Will Come		
Management		
Chapter11: Ten Tons a Year		
Chapter12: Paying the Bills		
Chapter13: Home is Where the Horse Is!		
Chapter14: Stacking Up		

SPUR YOU ON—OPTIONAL ACTIVITIES

Select and do any of the *Spur You On* activities in Level 3 or make up your own. Record the page and activity number of each one you complete in the chart provided.

SPUR YOU ON OPTIONAL ACTIVITIES

PAGE	ACTIVITY #	DATE COMPLETED	HELPER'S INITIALS
Write your own activity here:			
Date: _____		Helper's Initials: _____	
Write your own activity here:			
Date: _____		Helper's Initials: _____	
Write your own activity here:			
		Date: _____	
		Helper's Initials: _____	



Stable Relationships HORSE PROJECT

Level 3: Horse Care

ACHIEVEMENT CERTIFICATE

I certify that

has completed all the requirements in the
"Stable Relationships " Achievement Program.

Helper's Signature Date



[illegible]



Repro Roundup

At some point in your life, you've probably asked your mom or dad for a baby horse, also known as a foal! A stork doesn't just drop a foal off at your doorstep. What is needed to create a foal?

Is horse reproduction a simple process? Why or why not?

At some point in your life, you may want to raise a foal from birth. Successful horse breeding can be one of the most difficult challenges you will ever face with horses. In this activity, you will become familiar with the reproductive parts of the stallion and the mare.

Horse Project Skill: Understanding horse reproductive system parts

Life Skill: Decision Making

Educational Standard: NS.5-8.3 Life Science—Reproduction and heredity

Success Indicator: Identify parts of a horse's reproductive system



The Mane Event

Use the word bank and identify the major structures of the stallion (reproductive male horse) and mare (reproductive female horse) reproductive tracts. Put the name of the part and the number of the definition on the corresponding diagram lines. Utilize the resources on the horse curriculum website at www.4-H.org/curriculum/horse.

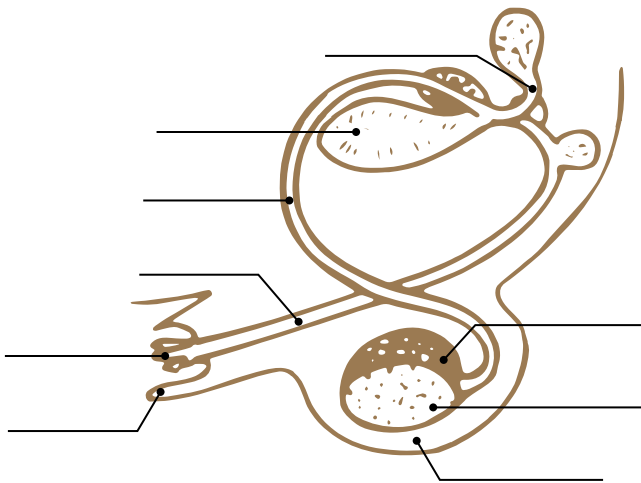
REPRODUCTION PARTS

- A. Bladder
- B. Vas deferens
- C. Epididymis
- D. Uterine Horn
- E. Ovary
- F. Oviduct
- G. Penis
- H. Rectum
- I. Scrotum
- J. Sheath
- K. Testicles
- L. Urethra
- M. Vagina

REPRODUCTION DEFINITIONS

1. The structure in which the urine is stored
2. The female organ that produces eggs
3. Protective outer covering of the penis
4. The tube which carries the egg from the ovary to the uterus
5. The canal in which feces is passed
6. A mass of tubes connected to the testicle that stores sperm
7. The muscular, spongy organ of the female where the unborn animal develops, commonly called the womb
8. The male reproductive organ
9. The sac-like pouch that suspends the testicles outside the male animal
10. A male gland which produces sperm
11. The tube through which both semen and urine flow through the penis
12. The tube that carries sperm from the epididymis to the urethra in the male
13. The canal which leads from the uterus to the outside of the female where sperm is deposited and the fetus is delivered

Stallion Reproductive Tract



Mare Reproductive Tract

