In this project, youth will take part in a wide variety of 4-H equine projects including breeding, draft, drill, driving, English & western, gymkhana, judging, miniature, trail riding, and ponies. Horses and humans interact in many ways, not only in a wide variety of sports and non-competitive recreational pursuits, but in activities like agriculture, entertainment, assisted learning, and therapy.

- Appreciate riding as a recreation and promote love and humane treatment of animals.
- Learn horsemanship skills and understand equestrian breeding, training, and raising.
- Acquire safety skills to prevent injury to persons and animals.

### Starting Out
**Beginner**
- Learn the breeds of horses.
- Identify the parts of a horse.
- Study the nutritional needs of a horse.
- Explore horse diseases and how to prevent and/or treat illness and injury.
- Identify and know the functions of tack and equipment.
- Understand the basic care practices of horses.

### Learning More
**Intermediate**
- Learn the basics of riding a horse in one of many styles like Western or English.
- Research the different types of horse showmanship and competitions.
- Find out how to clean horse tack.
- Practice riding safely with a group.
- Improve your riding skills in the ring and on trails.

### Exploring Depth
**Advanced**
- Assist younger members in improving their horse knowledge.
- Improve your show and/or riding performance.
- Plan and conduct an experiment in horse care.
- Learn about horse diseases and their treatment.
- Improve your showmanship patterns.
- Learn about and evaluate ethics in showing.

The activities above are ideas to inspire further project development. This is not a complete list.

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### 4-H THRIVE

#### Help Youth:

**Light Their Spark**
A spark is something youth are passionate about; it really fires them up and gives them joy and energy. Help youth find how this project excites them.

**Flex Their Brain**
The brain grows stronger when we try new things and master new skills. Encourage youth effort and persistence to help them reach higher levels of success.

**Reach Their Goals**
Help youth use the GPS system to achieve their goals.

- **Goal Selection:** Choose one meaningful, realistic and demanding goal.
- **Pursue Strategies:** Create a step-by-step plan to make daily choices that support your goal.
- **Shift Gears:** Change strategies if you're having difficulties reaching your goal. Seek help from others. What are youth going to do when things get in their way?

#### Reflect
Ask project members how they can use their passion for this project to be more confident, competent and caring. Discuss ways they can use their skills to make a contribution in the community, improve their character or establish connections.
Expand Your Experiences!

Science, Technology, Engineering, and Mathematics
- Explore various horse feeds and compare differences in ingredients.
- Design an experiment to see which saddle pad material keeps the horse the coolest.
- Examine the height of a jump on the trajectory of a horse.
- Learn about and help with restoration of horse trails.

Healthy Living
- Create a presentation to teach young riders how to safely care for, handle, and ride horses.
- Compare nutritional needs of horses to those of humans and other mammals.
- Explore the need for biosecurity measures when handling livestock. Create a list of recommendations for competitive equine events.

Citizenship
- Collaborate with others to provide a horse therapy event for disabled youth.
- Learn about various horse breeds and trace their heritage to understand other cultures.
- As your expertise grows, offer to judge at horse shows for youth.

Leadership
- Teach others the importance of caring for another animal.
- Use your new skills and knowledge to relay horsemanship to younger peers.
- Become a role model for others by taking the position of Junior or Teen Leader.

Resources
- eXtension
  www.extension.org/horses
- Certified Horsemanship Association
  www.cha-ahse.org
- California Dept. of Food and Agriculture
  www.cdfa.ca.gov/AFSS/Animal_Health/
- UC Davis Veterinary Medicine
  www.vetmed.ucdavis.edu/ceh/
- Harvest of the Month
  www.harvestofthemonth.com
- 4-H Safety Manual
  //safety.ucanr.org/files/3067.pdf

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