Activity: 
**Equine Vaccinations**
4-H Pillar: Agriculture
Horse Project

**Supplies and/or Resources:**
- Video – [https://youtu.be/rWgfmW_v0Pk](https://youtu.be/rWgfmW_v0Pk) (Audrey Interviews Her Veterinarian)
- Worksheet – print page 2
- **AYHC Horse Smarts**, page HS 365-1 – HS 365-32
- AAEP website - [https://aaep.org/guidelines/vaccination-guidelines](https://aaep.org/guidelines/vaccination-guidelines)

**Lesson Timeframe:** 30 minutes
**Best for Ages:** 9-13

**Rationale for Lesson:** Vaccinations keep horses healthy, can protect them from diseases, and can save their lives. Horse owners need to understand the types of vaccinations available to their horse.

**Project Goal/Objectives:**
1) Identify types of vaccines necessary to keep a horse healthy.
2) Know what time of year to vaccinate horses.
3) Help make decisions on what vaccines are needed for your horse.

**Procedure:**
1) Watch **4-H Horses at Home, Episode 1**.
2) Complete the worksheet attached.
3) Check your answers with the key attached.

**Reflect:**
1) Why is important to know about vaccinations for your horse?
2) Why are considered vaccinations classified as core or risk based?
3) When will you call to schedule a veterinarian visit?
4) Why would you want to ask for a flu/rhino vaccination?
5) What factors on your farm will you consider, when deciding on vaccines for your horse?

**Apply:**
1) Did you / will you schedule a veterinarian visit and if so, what vaccines did you decide were needed for your horse?
2) What do you use to keep records on your horses’ vaccinations and if so, where do you keep these records?
3) What additional services might you ask of your veterinarian while they are at the farm giving vaccinations?

**Collaborating Authors:**
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4-H at Home with Horses – Vaccination Worksheet

Match Up – Label each vaccine with either a C to identify it as a Core vaccination or R for a Risk-based vaccine:

____ Potomac Horse Fever
____ Influenza
____ Tetanus C = Core vaccine
____ Eastern Encephalitis R = Risk based vaccine
____ Botulism
____ Western Encephalitis
____ West Nile
____ Rabies
____ Rhinopneumonitis
____ Strangles

Draw 4 areas on the horse where vaccinations can be given to a horse. Write the number 1 on the most preferred location to give a vaccination. Read the AYHC Horse Smarts, consult with your vet or parent, or visit the AAEP website for further information online.

Of the vaccinations listed on this worksheet, write in the name of the vaccine which can prevent a disease caused by a

Mosquito:

________________________________

________________________________

________________________________

Dragonfly:

________________________________

Racoon:

________________________________
4-H at Home with Horses – Vaccination Worksheet KEY

Match Up – Label each vaccine with either a C to identify it as a Core vaccination or R for a Risk-based vaccine:

- **R** Potomac Horse Fever
- **R** Influenza
- **R** Tetanus
- **C** Eastern Encephalitis
- **R** Botulism
- **C** Western Encephalitis
- **C** West Nile
- **C** Rabies
- **R** Rhinopneumonitis
- **R** Strangles

Draw 4 areas on the horse where vaccinations can be given to a horse. Write the number 1 on the most preferred location to give a vaccination. Read the AYHC Horse Smarts, consult with your vet or parent, or visit the AAEP website for further information online.

Of the vaccinations listed on this worksheet, write in the name of the vaccine which can prevent a disease caused by a

Mosquito:
- **Eastern Encephalitis**
- **Western Encephalitis**
- **West Nile**

Dragonfly:
- **Potomac Horse Fever**

Racoon:
- **Rabies**