

Prepare for Your Virtual Trip to an Ohio Pig Farm!



A Virtual Field Trip to an Ohio Pig Farm can address many topics to help fulfill 4th and 5th grade educational requirements in the areas of Social Studies and Science. See examples of how you can customize a virtual field trip to meet standards below.

- **4th Grade Social Studies:** Ohio and United States history - past, present and future
 - **Skills:** timelines, interpreting primary and secondary sources
 - **Example:** How do you describe a pig farm and how it works in Ohio today? How is it different than it was in Ohio in 1942 or 1985?
- **4th Grade Science:** Influence of Engineering, Technology and Science on Society and the Natural World
 - **Skills:** engineering design, obtaining, evaluating and communicating information, and recognizing systems and building system models
 - **Example:** How has science and engineering changed the way farms look/operate/produce? Take a virtual tour and interview a farmer, a vet, etc who is making a difference right here in Ohio.
- **5th Grade Social Studies:** Regions and People of the Western Hemisphere
 - **Explore** the relationship between markets and available resources, where productive resources (human, capital, natural) promote specialization leading to trade, resulting in regions and countries becoming interdependent when they specialize in what they produce best. Also explore how workers can improve their income by gaining new knowledge, skills and experiences.
 - **Example:** How has science and technology changed the specialization practiced on today's farms?
- **5th Grade Science:** Matter and Energy in Organisms and Ecosystems
 - **Explore** cycles of matter and energy transfer in ecosystems. The food of any animal can be traced back to plants, providing what animals need for body repair and growth.
 - **Develop** a model to describe the movement of matter among plants, animals, decomposers, and the environment.
 - **Example:** What are the cycles of matter in the ecosystems that are at work on farms in Ohio today?