Time is a resource to use wisely on a farm. Follow an early 1900s farm family through turning grains into food, tending to their fields, taking their milk to the cheese factory, and creating a meal for the family. See how STEM (Science, Technology, Engineering, and Math) and history connect through pioneer power on the 19th century farm.

**Program Overview**

Students will take part in 6 immersive stations, each representing a different aspect of life for farm families in the early 1900s.

- **Pioneer Kitchen**
  
  Come into the home and learn about what life was like inside the house.
  
  Activity: Learning about chemical reactions in the kitchen and grinding wheat into flour for pancakes on the woodstove.

- **Harvesting Grain**
  
  How are corn and wheat processed to make food?
  
  Activity: Using a corn sheller and flail and winnow basket to create feed for livestock

- **Simple Machines**
  
  What simple machines would a farmer use each day?
  
  Activity: Weigh feed and use different types of pulleys to make lifting easier.

- **In the Field**
  
  The work is never done in the farm field. Learn how to measure a field and predict income from a crop.
  
  Activity: Take a turn at plowing the field.

- **The Cheese Factory**
  
  Farming was a way of life for many pioneer families.
  
  Activity: Make butter with the cheesemaker

- **In the Blacksmith Shop**
  
  Many pieces of early agricultural equipment were developed by blacksmiths, including John Deere and Edward Smalley.
  
  Activity: Create a piece in the blacksmith shop

**Wisconsin Standards for Social Studies**

- SS.BH2.b.1: Understand ways people change and adapt to new situations in places and within a family.
- SS.Hist2.a.e: Identify patterns of what stayed the same to self, family, and community over time.