

# **PA Academic Standards for Environment and Ecology**

## **4.4. Agriculture and Society**

### **4.4.4. Grade 4**

**Pennsylvania's public schools shall teach, challenge and support every student to realize his or her maximum potential and to acquire the knowledge and skills needed to:**

- A. Know the importance of agriculture to humans.**
  - Identify people's basic needs.
  - Explain the influence of agriculture on food, clothing, shelter and culture from one area to another.
  - Know how people depend on agriculture.
- B. Identify the role of the sciences in Pennsylvania agriculture.**
  - Identify common animals found on Pennsylvania farms.
  - Identify common plants found on Pennsylvania farms.
  - Identify the parts of important agricultural related plants (i.e., corn, soybeans, barley).
  - Identify a fiber product from Pennsylvania farms.
- C. Know that food and fiber originate from plants and animals.**
  - Define and identify food and fiber.
  - Identify what plants and animals need to grow.
  - Identify agricultural products that are local and regional.
  - Identify an agricultural product based on its origin.
  - Describe several products and tell their origins.
  - Describe the journey of a local agricultural product from production to the consumer.
- D. Identify technology and energy use associated with agriculture.**
  - Identify the various tools and machinery necessary for farming.
  - Identify the types of energy used in producing food and fiber.
  - Identify tools and machinery used in the production of agricultural products.