



## 5th Grade Offerings:

- **Milk Emulsion**
  - This lesson is a fun, hands-on activity designed to help students understand how fats and proteins are sensitive to the changes in the surrounding solution (the milk).
- **Flower Dissection**
  - This lesson is designed to teach students about the four main parts of a flower and learn about the function of each part. Students will learn by creating and assembling a paper crosssection of a flower. Afterwards, students can dissect real flowers to practice identifying these parts.
- **Beef Cattle**
  - Cattle are known for producing beef, yet they have many amazing by-products we use everyday. This lesson explores some of these by-products while understanding how cattle can convert grass to meat we consume through rumination digestion.
- **A Trip Through Illinois**
  - This lesson is designed to increase student interest about Illinois and learn the names of the counties within the state in a fun way! Students will use clues to try to figure out the name of the counties. Have students work individually or with a partner in this fun activity!
- **Illinois Topography and History**
  - Students will learn how glaciers shaped our state and how the shape of the land impacts agriculture as they make clay relief map of Illinois.
- **A “Hand” Some Horse**
  - This lesson is designed to help students increase their math skills by practicing converting units of measurement. Students will learn about a universal unit of measurement for measuring the height of a horse and converting that into feet and inches.
- **Egg Anatomy**
  - Students will create and label a diagram of an egg, identifying each part and its function. This educational craft helps them learn about the structure and uses of eggs in a hands-on way.



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