



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.

