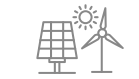




4th Grade Offerings:



- **Cotton Production**

- A very important fiber crop is cotton. Through this lesson, students will understand how cotton is grown, processed, and practice processing cotton lint and seed from real cotton bolls! At the end of the lesson, students will have a better understanding of how cotton clothing is produced.

- **Soil and play-doh core samples**

- This lesson is a fun, interactive way to teach students about the different layers of the soil profile and introduce important concepts related to soil conservation, particularly erosion.

- **Corn and Oobleck**

- There are several products we use everyday from corn. One such product is corn starch in baking. In this lesson, students will explore the scientific properties when corn starch and water are mixed to make "Oobleck." This combination will experiment with properties of solids and liquids.

- **Tassel to Table**

- Students will learn about the path corn takes from the field into food products we use every day. This lesson explores careers throughout the process, as well supply issues that can affect the food supply chain.

- **Investigate Illinois**

- Illinois is known for famous figures like Abraham Lincoln and features like expansive fields of corn. However, Illinois is home to many lesser known but equally interesting features as well. In this lesson, students will investigate Illinois agriculture, famous people, historical tidbits, and sites.

- **Agriculture Measures Up**

- Students will need to use problem-solving methods and everyday math to make a common decision of how much fertilizer to purchase to nourish their lawn. By calculating the area of the lot, driveway, patio, house and garage, each student will determine the number of bags of fertilizer needed to cover only the space left for grass.

