FREE

WHEAT WEEK

WASHINGTON GRAIN COMMISSION

Day 1: What is Wheat? Explore the wheat plant as a system of parts, discuss implication of inputs and outputs to the system, and focus on photosynthesis. Students learn what makes wheat grow as they create their own wheat terrariums to observe throughout the week.

Day 2: Water in our World: Explore the water cycle, including precipitation, evaporation, condensation and collection through classroom participation. Students model the water cycle as they play a game and travel to various locations as a drop of water.

Day 3: Amazing Soils: Differentiate between the three soil textures (sand, silt and clay) based on particle size and permeability through a hands-on demonstration. Students discover how soil is made and discuss the properties of soil and their importance to farmers and community members.

Day 4: Wheat DNA: Learn about the important contributions Norman Borlaug had on feeding the world in the 1970's. Students explore wheat classes, plant breeding, and DNA through a wheat germ DNA extraction experiment.

Day 5: Wheat Energy: Discover the importance of renewable and non-renewable energy. Learn about solar, wind and hydroelectric power. Students thresh a wheat plant to discover its energy source for humans and how it is transferred to us.

What is Wheat Week? Wheat Week is a series of five lessons, delivered over the course of one week, educating students about water, soil, energy, systems and wheat as well as how they impact our daily lives.

Conservation Education Lessons For 4th and 5th Grade Classrooms

Who can receive Wheat Week? Any school can request Wheat Week. Teachers are asked to plan together so each day several classrooms can receive the daily lesson.

All Wheat Week lessons are aligned with Next Generation Science Standards. Each lesson takes approximately 1 hour and all supplies are provided.

For more information or to schedule Wheat Week for your classroom, please contact:
Sauk County
Land Resources & Environment Department
conservation@saukcountywi.gov   **(608) 355-3245**

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