SCIENCE THROUGH THE LENS OF FOOD AND AGRICULTURE

Feeding Curiosity, Nourishing Minds: Explore the Science of Food and Agriculture with Our New NGSS-Aligned Educational Resources!

82% of Gen Z students have a strong interest in sustainable food and how their food is produced.

– GENYOUth's Insights - youth survey with 6th-12th grade, Feb 2020

TRANSFER TASKS

Middle School, Life Science Curriculum

Transfer tasks are interactive lessons that enable students to apply their understanding and knowledge of science concepts and practices from one context to another.

Should Food Have Bacteria?

» Using yogurt as an example, students explore ecosystems in food composed of living bacteria and determine which bacteria are safe and which can be harmful if present in food. Students investigate how the presence of safe bacteria, such as lactobacillus in fermented foods, can prevent harmful bacteria from forming on food.

Click or Scan Here to Access:

More Cheese, Please

» Using models and data, students explain why people with lactose intolerance may experience gas, bloating and diarrhea when they eat certain dairy products, building on knowledge of how the digestive system works. Students examine new data to recommend types of dairy products lactose intolerant people might eat to cause minimal or no symptoms.

Click or Scan Here to Access:

E-Learning Module

» In this 20-minute asynchronous training module, teachers learn how to access the transfer task curriculum materials, integrate the lesson into the classroom and interpret student results.

Click or Scan Here to Access:

Including food and agriculture in science curriculum can help:

Build understanding on the value of agriculture products, including dairy, as part of a healthy and sustainable lifestyle.

Increase knowledge in the scientific principles behind production decisions related to nutrition, environmental stewardship, breeding, genetics, and more.

Fuel an interested and qualified future workforce for nutrition research, food production, and processing.

NDC NATIONAL DAIRY COUNCIL™

For more classroom-ready resources, visit **FuelUp.org**