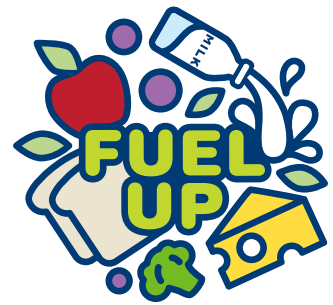


# SCIENCE THROUGH THE LENS OF FOOD AND AGRICULTURE

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



Treatment of farm animals (61%) and earth-friendly food production (58%) are among the most important food topics to students.

- GENYOUth's Insights - Youth Survey with 6th-12th grade, Feb 2020

## FULL UNIT

*High School, Biology*

Units are individual blocks of instruction organized in a logical progression to cover specific topics within a subject over the course of an academic year. A course, such as biology, is made up of a series of units building a progression of concepts and skills.



### Media Mayhem

*What are the impacts of food production on earth's systems?*

- » In this high school 5E unit, students explore media claims about the impacts of the dairy industry on the environment. Across a series of four modules, students figure out how the components of the dairy system impact the environment and explore a variety of solutions.

**Anchor Phenomenon** - Students watch a video that shows people protesting the harmful impacts of the dairy industry and analyze a series of seemingly conflicting claims.

**Performance Task** - Revisiting media claims to construct, critique and revise written arguments about dairy's impact on the environment.



Click or scan here to access



**Module 1**  
Dairy Food Systems



**Module 2**  
Greenhouse Effect and Carbon Cycling



**Module 3**  
Biodiversity and Other Environmental Impacts



**Module 4**  
Engineering Solutions

Including food and agriculture in science curriculum can help:



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



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



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



For more classroom-ready resources, visit [FuelUp.org](https://www.fuelup.org)