

Dear Educator,

During these uncertain times, Nutrients for Life Foundation wants to help you reach your students with engaging and relevant resources. These resources meet standards for high school grade levels. Search state standards here: <https://nutrientsforlife.org/for-teachers/educator-resources/>

Additional High School Resources Available:

[“Feeding the World and Protecting the Environment”](#) free downloadable curriculum.

Digital Learning Options

Nitrogen Cycle

[Nitrogen Cycle Challenge](#)

In the Nitrogen Cycle Challenge online game, students will work their way through one of two scenarios, filling in the Nitrogen Cycle and learning and how it matters to our crops and gardens. Test your knowledge as you help Tom or Jamie work their way through the nitrogen cycle. Head out to the corn field or tomato garden, earning high scores and badges along the way. Upon completion students will be able to print or screenshot their score results.

H2Know Interactive Case Study

[H2Know](#)

In this digital learning activity, students will explore the science of water quality challenges in Lake Erie. The H2Know case study invites students to gather information about the problem, consider potential contributors, environmental factors, review data and research happening in the field, and engage in thought processes related to effective solutions that will improve the water quality of Lake Erie. This would be an opportunity to engage students in a virtual discussion after each section. [Guided notes available](#)

Journey 2050

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The year 2050 is a key moment in time – the world’s population will be 9 billion. Food production needs are expected to rise by 60% and changing agronomic conditions will put pressure on agricultural yields. *Journey 2050* is an agriculture education program that challenges participants to answer the question, “How will we sustainably feed 9 billion people by the year 2050?” For eLearning complete lessons visit <https://www.agclassroom.org/eLearning/journey.cfm>