

Exploring Wisconsin Agriculture

LET'S GO

Educator Guide

Grade Level

3-5

Length of Lessons

5, 30 minute sessions

Standards

Social Studies

BH4.a.i

Geog2.c.5

Geog5.b.5

Econ4.e.3

Econ4.a.3

Materials Needed

- Computers/ learning devices with internet access
- Optional:
Copies of [Student Learning Log](#)

Resource Overview

Exploring Wisconsin Agriculture is an online interactive learning module that is designed to help students understand agriculture's role in shaping Wisconsin's history, economy, and future.

- The five e-learning modules can be utilized independently or assigned sequentially for a complete agricultural learning unit.
- Modules are designed to be self-guided with opportunities to engage students with reflection questions in each module.
- Each module features 3 Wisconsin agricultural products.
- Each module has extension lessons and activities (see reverse)
- Modules are available online at www.wisagclassroom.org/exploring-wisconsin-agriculture
- NOTE: A free version compatible with Learning Management Systems (Canvas, Schoology, etc.) is available by directly contacting Wisconsin Agriculture in the Classroom.

Suggested Sequence of Events

1. Set Up - Make sure your students' devices can access the site.
2. Read through each module to ensure you are familiar with the flow and format of the modules.
3. Complete the modules by following the prompts.
 - Students can work individually or in small groups of no more than 2 depending on the ability of your students.
 - Handout copies of Student Learning Logs
 - First, introduce the modules, and ensure students are at the correct website.
 - Next, instruct students to read and complete the assigned learning modules. (It is recommended to complete one per session)
 - Remind students to record answers on Learning Log.
4. Wrap-up with a whole class discussion on activity and Reflection Questions from the Student Learning Logs.

Exploring Wisconsin Agriculture

Educator Guide

LET'S GO

Module Overviews

<i>E-Learning Module</i>	<i>Learning Objectives</i>	<i>Standards</i>	<i>Extension Lessons</i>	<i>Reflection Questions</i>
Exploring Wisconsin Agriculture	<ul style="list-style-type: none"> Recognize how the physical geography, climate, and conditions in Wisconsin play a role in the types of crops and commodities that can be grown in the state. 	SS.Geog2.c.5	<u>Farmers Count Census Mapping</u>	What geography, climate, and natural resources do you see in your region? How do you think this might impact agriculture in your region?
The Scoop on Soil	<ul style="list-style-type: none"> Define the three components of soil Explain why Wisconsin soil types differ based on geophysical location Identify methods of climate smart management in agriculture Explain why soil health is important for agriculture 	SS.Geog5.b.5	<u>What's Soil Worth?</u>	What differences have you observed between soil found in different locations (e.g., on the playground, in garden beds, or beside a body of water)? Why are these soils different from the natural soils of your region?
Agricultural Advancements	<ul style="list-style-type: none"> Define technology Describe different types of technology used in agriculture Explain how technology has impacted agricultural production and people 	SS.BH4.a.i	<u>Hi-Tech Farming</u>	How could a technology you use every day be used in farming?
Agriculture Industries in Wisconsin	<ul style="list-style-type: none"> Identify Wisconsin agriculture imports and exports Describe the top 10 unique products created by these industries Identify Wisconsin's Top 5 Trade Partners 	SS.Econ4.e.3	<u>Right this Very Minute</u>	What food products do you enjoy that are not grown in Wisconsin? How would your life change if these products could not be imported into Wisconsin?
Careers in Agriculture	<ul style="list-style-type: none"> List and describe different jobs in Wisconsin agriculture Describe the supply chain for a specific Wisconsin Ag product Describe how agriculture industries in Wisconsin impact the economy. 	SS.Econ4.a.3	<u>By Air, By Land, By Sea</u>	Think about the job you want to have when you grow up. How could this job be related to agriculture?

Additional lesson ideas, connections, and resources can be found at wisagclassroom.org