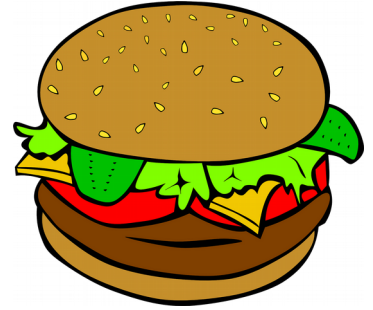


Have a Cheeseburger and See New Jersey

*A lesson from the New Jersey Agricultural Society
Learning Through Gardening program*

OVERVIEW: Students take a tour of New Jersey to discover where all the parts of a cheeseburger are grown. They consult a map to discover the counties where beef, wheat, tomatoes, cucumbers, milk, and lettuce are produced and mark the counties included in their journey. This fun and engaging lesson teaches both the location of the counties in New Jersey and the crops that are grown there.



OBJECTIVES: The student will be able to:

- Locate various counties on a map of New Jersey.
- Define the word *commodity*.
- List the commodities necessary to make a cheeseburger.
- Identify the counties in New Jersey in which each part of a cheeseburger is grown.

GRADES: 3-5

MATERIALS:

Copies of the New Jersey Agricultural Society book *From the Garden State to Your Plate, Farming Fruits and Vegetables in New Jersey* for students to read individually or in small groups.

NOTE: A digital version of the book is available in the Learning Through Gardening Teacher Tool Box at <http://www.njagsociety.org/from-the-garden-state-to-your-plate-childrens-book.html>.

The New Jersey Agricultural Society power point presentation *Have a Cheeseburger and See New Jersey* available to download from the Learning Through Gardening Teacher Tool Box at: <http://www.njagsociety.org/teaching-social-studies-in-the-garden.html>.

A copy of a *County Map of New Jersey* sheet for each student

A copy of the *Have a Cheeseburger New Jersey Commodities Chart* for each student

Colored pencils, markers, or crayons

PROCEDURE:

Students read *From the Garden State to Your Plate* individually or in small groups.

Ask students, “who likes cheeseburgers?” Ask them what crops or *commodities* they would need to make a cheeseburger. Make a list of beef, wheat, tomatoes, cucumbers, lettuce, and milk.

Tell students that they are going to take a tour of New Jersey to see where each commodity that make up a cheeseburger is grown.

Pass out a *County Map of New Jersey* sheet and a *Have a Cheeseburger New Jersey Commodities Chart* to each student. Explain to students that as they tour New Jersey to see where the parts of a cheeseburger are grown, they should make a dot on the New Jersey map in each of the counties where that commodity is produced. They should choose a different colored dot for each commodity and make a map key in a bottom corner of the map to show what commodity is represented by each color. If necessary, review what a map key is and how to make one.

NOTE: Students will use the map of New Jersey in the front of the book From the Garden State to Your Plate to see the counties where cucumbers and tomatoes are grown.

Show the *Have a Cheeseburger and See New Jersey* power point presentation, giving the students time after each commodity is introduced to mark on their maps the counties in which the commodity is grown.

EVALUATION:

Completed map of New Jersey with marks showing counties where the parts of a cheeseburger: beef, wheat, tomatoes, cucumbers, milk, and lettuce are grown.

EXTENSION:

Reinforce what students learned about agriculture in New Jersey from reading *From the Garden State to Your Plate* by playing the M-Ag-nificent Quiz Bowl game. See the lesson plan in the *Learning Through Gardening Teacher Tool Box* at <http://www.njagsociety.org/teaching-social-studies-in-the-garden.html>.

Students write several paragraphs highlighting what they learned about agriculture in New Jersey.

New Jersey Learning Standards

Science: 3:LS1.B 4:LS1.A 5:LS2.A

*Social Studies: 3-5 6.1.5.GeoPP, 6.1.5.GeoSV.2, 6.1.5.GeoHE.2
6.1.5.EconEM.1, 2, 4 6.1.5.EconNM.4*

*English Language Arts: 3:RI.3.1,2,4, W.3.2.A-D, W.3.4,8
4:RI.4.1,2,4, W.4.2.A-E, W.4.4,8
5:RI.5.1,2,4, W.5.2.A-E; W.5.4,8*

Lesson courtesy New Jersey Agriculture in the Classroom



County Map of New Jersey

Have a Cheeseburger

New Jersey Commodities Chart

A list of the counties where the parts of a cheeseburger are grown.

BEEF	WHEAT	TOMATOES	CUCUMBERS	LETTUCE	MILK
Hunterdon Salem Sussex Warren	Cumberland Gloucester Hunterdon Monmouth Salem Somerset	Atlantic Burlington Camden Cumberland Gloucester Middlesex Monmouth Salem	Atlantic Camden Cumberland Gloucester Salem	Atlantic Cumberland	Gloucester Hunterdon Salem Sussex Warren
(Farms with 100 or more cows and calves)	(Farms with 100 acres or more)	(Farms of 100 acres or more)	(Farms of 100 acres or more)	(Farms of 100 acres or more)	(Farms with 500 or more milk cows)