

SETTLING THE MAINE WILDERNESS



Moses Greenleaf, Maine's First Mapmaker

LESSON 17

Maps of Maine

SUBJECT

Exploring the geography of Maine

STUDENT WILL

Understand the geographic features of Maine

VOCABULARY turf map

PREPARATION

1. Gather the following materials for students:
colored pencils, markers, crayons
2. Copy the handouts for each student: (1) the outline of Maine, (2) "Maine Places to Consider Including," (3) "Ink and Pair," and (4) the rubric.
3. Copy the outline of Maine and a modern map of Maine onto transparencies for overhead projection.

BODY OF LESSON

Activity 1.

Distribute Maine mapping activity worksheets and have students try to create a map based on their previous knowledge.

Activity 2.

Have students pair up and complete the “Ink & Pair” worksheet. (**Knowledge, Application**)

Activity 3.

Bring the class back together and work on the “share” portion of the “Mapping Maine” sheet.

1. Discuss what students have included on their maps – cities/towns, countries, regions, water bodies, landforms, landmarks, clarifying boundaries. (**Knowledge**)
2. Generate a list of what might be important in a map of Maine and specifically a map from Moses Greenleaf’s time. (**Application**)
3. Distribute blank maps of Maine *or* blank sheets of paper and rubrics for the map and allow students to create a map using what they have learned to go into their final portfolio. (**Comprehension, Application**)

Offer a list of 25-30 places (see suggestion sheet) with some places they must include on their map and some that are optional.

ASSESSMENT

According to the rubric provided.

EXTENSION

Students can make a “turf map” of their home and the area around it where they spend much of their time. For more on “turf maps” see Peter Ames Richards’ article, “Letting the Outside In: Teaching from the Commonplace” in *Linking Through Diversity* (Chicago: Zephyr Press - 1993). (**Synthesis**)



Maine Places to Consider Including

Moses Greenleaf's Maine

New Gloucester – first home after leaving Newburyport, MA with his family
Shepardsfield Plantation (later East Oxford, now Hebron) – taught school
Gray – owned a lot, but never lived there
Poland – lived there briefly
Kenduskeag Plantation (now Levant) – briefly lived there
Bangor – owned a store there, met wife there
East Andover – where he married his wife
Williamburg – township he developed, home of Greenleaf Hill
Sebec Village – where he and Eben attended Lodge
Township 6, Range 9 – became Katahdin Iron Works, he found iron ore there
Brownville – where he discovered slate
Piscataquis River- near Williamsburg

Important cities

Augusta – capital
Portland – largest city
Bangor – former lumber capital

Geographic Features

Moosehead Lake – largest lake (in New England as well)
Mount Katahdin – tallest mountain in Maine (first place in the US to see the sunrise)
Mount Desert Island – largest island in Maine
Penobscot River – longest river in Maine

Popular Destinations

Acadia – only National Park in Maine
White Mountain National Forest
Baxter State Park
Appalachian Trail
Sugarloaf Mountain – ski resort
Old Orchard Beach – historic beach
Wells Beach – historic beach

Others

York – oldest town
Lubec – easternmost town (in United States as well!)
Madawaska – northernmost town
Kittery – southernmost town

***Also consider including lighthouses, historic sites and places close to home.*

Sources: *The Maine Atlas and Gazetteer* – Thirteenth Edition (1988). Freeport: DeLorme Mapping Company, 1988.

INK & PAIR: What do you and your partner(s) agree a map needs? What additional elements can you come up with after some discussion?



What elements would have been most important for Moses Greenleaf to include if he was creating one of the first maps of the northern regions of Maine? What information might have been most important for settlers who might have used Moses's maps?

SHARE: What are some ideas that other members of the class came up with?

Rubric for MAINE MAP

Content: Social Studies

Maine Learning Results Strand: Social Studies – History – 6-8 – D2

Performance Task: During this unit, students need to create a map of Maine. It should show places that are historically significant in Maine and significant in the life of Moses Greenleaf. In addition, personalize the map by including places of your choice.

Indicator: Your map includes 11 places significant to Moses Greenleaf and 14 places of your choice for a total of 25.

Does Not Meet the Standard	Partially Meets the Standard	Meets the Standard	Exceeds the Standard	Commendations
Your map includes 0-14 total places.	Your map includes 15-24 total places.	Your map includes 11 places significant to Moses Greenleaf and 14 of your choice for a total of 25.	Your map includes 11 places significant to Moses Greenleaf and more than 14 of your choice.	

Indicator: Your map accurately shows 11 places significant to Moses Greenleaf and 14 places of your choice for a total of 25.

Does Not Meet the Standard	Partially Meets the Standard	Meets the Standard	Exceeds the Standard	Commendations
Your map accurately shows 0-14 total places.	Your map accurately shows 15-24 total places.	Your map accurately shows 11 places significant to Moses Greenleaf and 14 places of your choice for a total of 25.	Your map accurately shows 11 places significant to Moses Greenleaf and more than 14 of your choice.	

Indicator: Your map includes three mapping elements: legend/key, compass rose and lines of latitude and longitude.

Does Not Meet the Standard	Partially Meets the Standard	Meets the Standard	Exceeds the Standard	Commendations
Your map includes one mapping element	Your map includes two of the three mapping elements	Your map includes three mapping elements: legend/key, compass rose and lines of latitude and longitude.	Your map includes elements beyond the three required (ex. scale)	

Indicator: Your map accurately shows three mapping elements (legend/key, compass rose and lines of latitude and longitude).

Does Not Meet the Standard	Partially Meets the Standard	Meets the Standard	Exceeds the Standard	Commendations
Your map accurately shows one of the three mapping elements	Your map accurately shows two of the three mapping elements	Your map accurately shows three mapping elements (legend/key, compass rose and lines of latitude and longitude).	Your map accurately shows elements beyond the three required (ex. scale)	

Indicator: Your map is neat with straight lines, colors and legible words

Does Not Meet the Standard	Partially Meets the Standard	Meets the Standard	Exceeds the Standard	Commendations
Your map is somewhat neat, but has several words, lines or coloring show a lack of effort	Your map is neat with a few words, lines or coloring that shows a lack of effort	Your map is neat with straight lines, colors and legible words	Your map is exceptionally neat with perfectly straight lines, precise coloring and words that are uniform and attractive	