UNIT THREE
Transportation, Pathways, Waterways and Railways

CONTENT AND RATIONALE
As the cities and towns of Georgia grew from the early 1800s to the present, so has the need for adequate transportation systems. Your textbook provides some information on the subject of transportation, but it is scattered throughout several chapters in bits and pieces. This mini-unit presents more in-depth information on several aspects of transportation in Georgia up to about 1890. Topics included are rivers, canals, flatboats, steamboats, railroads, Indian trails, roads and road building.

GEORGIA PERFORMANCE STANDARDS THAT ARE ADDRESSED
H5 c Railroads
G1 c Rivers & Fall Line
G2 a & b Transportation Systems
E3 c Importance of Local Businesses
E4 c Revenues and Choices

STUDENT LEARNING OBJECTIVE
To gain a better understanding of the transportation systems of nineteenth century Georgia and the effect those systems had on the economy of the state. Growth in understanding will be measured based on comparative performances on the pretest and post-test and teacher’s evaluation of class discussions.

ESSENTIAL QUESTIONS
• What kinds of transportation were available in Georgia during the nineteenth century?
• How did the growth and development of Georgia’s transportation systems affect farmers, industries and other businesses?
• How did the lack of access to adequate transportation affect farmers, industries and other businesses?
**INTRODUCTORY ACTIVITY OR OPTIONAL PRETEST**

Give your students the following problem-solving activity to work out as individuals or small groups:

You are a cotton farmer in your county who has raised an excellent crop this year. The cotton has been ginned and now you must decide how to transport it to Massachusetts to supply the textile industry there. There are 80 bales, and each weighs 250 lbs.

What is the best way to do it in 1825? In 1845? In 1865? In 1895?

This activity will challenge your students to consider what modes of transportation were available to farmers in your area at the various times. For example: Do they acknowledge when and where the railroad became available?

**ARTICLES IN THIS EDITION OF THE SCULL SHOALS SCHOLAR**

- In the Beginning: Pathways 1
- Waterways: River Transportation 2
- Some Great Ideas Just Don’t Succeed 3–4
- How Were Roads Made? 5
- Georgia’s First Road 5
- Railroads Come to Georgia 6
- Sam Howard’s Enterprise 7
- USS Savannah Crosses the Atlantic 7
- Steamboat on the Oconee 7
- Toll Bridge at Scull Shoals 8
- Don’t Raise My Taxes 8
- From Horse-Drawn Trolley to Elec. St. Railway 8
- Scull Shoals Opportunities Denied 9
- City Photos: Greensboro & Athens 10
- Hands-On History 11
- Questions for Discussion 11
- Vocabulary Fun 12

**OPTIONAL POST-TEST**

The optional post-test is printed on a separate page in order to make copying it easier for you. It appears on page 15. (Answers: c, f, e, d, a, b; false, false, true, true)
ANSWERS TO VOCABULARY PUZZLE

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CROSS-CURRICULAR CONNECTION

Math: Computation involved in the Introductory exercise.

WEB SITE YOUR STUDENTS MAY EXPLORE

Web site below describes the way Roman roads were built, including illustration.
http://www.teachingideas.co.uk/history/romanrd.htm
TEST: Transportation

Match the following dates with the important event that happened during that year.

1. 1735 _____  a. Georgia’s first railroad from Savannah to Augusta was chartered.
2. 1812 _____  b. Railroad from Chattanooga to Terminus (Atlanta) was completed.
3. 1816 _____  c. Georgia’s first road was laid out.
4. 1829 _____  d. Canal between Savannah River and the Ocmulgee River was opened.
5. 1833 _____  e. Steamboat went upriver from Savannah to Augusta
6. 1851 _____  f. State legislature gave money to dredge and clean the Oconee River.

Please answer the following true-false statements by circling your answer.

7. true false Atlanta was chosen to be the headquarters for the railroad because it’s the state capital.
8. true false Dredging and clearing the Oconee River was a big help to farmers and mills in the area.
9. true false Owners of steamboats that could tow barges with heavy loads were very successful.
10. true false Most railroads that were damaged or destroyed during the Civil War were repaired or rebuilt within five years after the war.

Briefly explain how having access to transportation helps the state and local economy.

_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
1842 map of Georgia.

Courtesy of the David Rumsey Map Collection
ADDITIONAL PHOTOGRAPHS

Horse and carriage,
Washington, GA
circa 1905
Photograph courtesy of Georgia Archives, Vanishing Georgia Collection WLK127

African-American family in a mule drawn wagon, Greene County
Photograph courtesy of Georgia Archives, Vanishing Georgia Collection GRN035
Ginning cotton, Siloam, GA.

*Photograph courtesy of Georgia Archives, Vanishing Georgia Collection GRN004*

Loading cotton bales onto mule wagon, Athens, GA warehouse.

*Photograph courtesy of Georgia Archives, Vanishing Georgia Collection CLR011*