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Lesson 8: Maine Fiber Today Lesson Ideas for Alignment

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Lesson Summary: Maine's Fiber industry is experiencing a revival with the establishment of small farms and mills. Products of this emerging fiber industry can be seen at the many agricultural fairs around the state. Students will be using computers to visit specific web-sites to learn about this fiber production revival

Teacher Note: Students may work individually or in small groups for this activity. Access to computers is needed.

Learning Objectives:

The student will:

- Explore the listed web-sites and record at least 2 facts or main ideas from each.
- Develop a map key for farms: sheep, alpaca, llamas, goats ; as well as fiber galleries and artisans.
- Locate fiber producing farms on the map of Maine.
- Locate fiber galleries or artisans on the map of Maine.
- Tabulate map results and present results in a bar graph.
- Write a paragraph about what their research results mean for the state of Maine.

Maine Learning Results

ELA

B1e Writing: Interconnected Elements
C1c, d Research

MATH

B2 Data - Data Analysis (Grades 3 & 4)

SS

A2a Making Decisions Using SS Knowledge & Skills

Common Core

ELA

Writing: 2, 4

MATH

Measurement and Data Grade 3: 3MD3



Process:

- Discuss the background information in *Maine Fiber Today*.
- Discuss how *Maine's* climate and geography relate to fiber producing plants and animals.
- Provide time for students to use computers to investigate listed web-sites (*Student Handout*) and record two facts or main ideas from each.
- Provide time for students to plot information on group maps.
- Provide time for students to tabulate information (# sheep farms, # goat farms, # galleries, etc.) and show data on bar graph.
- Discuss what the plotting of information on the maps tells us about *Maine's* fiber resources and how that might affect *Maine's* economy.

Assessment: Use sample rubrics or use class-generated rubrics.

