



Liberty

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Atheneum Books for Young Readers, 2000 • Grades 4–6 • 48 pages
ISBN 0-689-82823-3

Full-page color paintings, a map, and diagrams coupled with detailed text tell the story of the inception, planning, construction, and renovation of the Statue of Liberty. Back pages include the statue's specifications, a timeline of its construction, and a bibliography. Pair this book with Betsy and Giulio Maestro's *The Story of the Statue of Liberty* (Mulberry Books, 1986; 48 pp.; ISBN 0-688-08746-9) to give students of all ages a visual history of this great monument.

Here's How It Happened

Help students appreciate the statue's story with this integrated activity. Enlarge the timeline from page 41 in *Liberty* and cut it into strips. Give one dated strip to each student (or pair). Place the book at a center with a supply of lined paper. Each student, in turn, visits the center and reads the book to find information about his date's event. He then writes a paragraph retelling the details of that event and attaches the timeline strip to the top of his page.

Next, gather students into a circle in the order of their timeline dates. Invite each person to read his retelling in turn. Afterward, display the retellings on a wall in chronological order under the title "The Story of Lady Liberty." **RETELLING A STORY, ORAL READING, USING A TIMELINE**

She's How Tall?

Some of the most fascinating facts about the Statue of Liberty are told in her numbers. Enlarge the specifications sheet from page 40 in *Liberty* and display it in your math center with copies of math problems similar to those shown below. Allow students time to visit the center and solve each problem before sharing the solutions.

Next, challenge students to create their own math problems using the *Liberty* facts. Divide students into small groups and give each group six index cards. Have group members visit the center and use the posted Liberty facts to write a different titled math word problem on three of their cards. (Encourage students to employ a variety of problem-solving strategies.) Then direct them to write each title and solution on the other three cards.

Collect and check students' work. Then redistribute the problem cards, passing them around the class until every student has had a chance to solve each problem. Finally, distribute the solution cards for students to evaluate their work. **READING FOR DETAILS, WRITING AND SOLVING MATH PROBLEMS**

If one fingernail measures $13'' \times 10''$,
what is the total area of
all ten fingernails?



Fingernails for Liberty

Fingernails for Liberty—Solution

$13 \times 10 = 130$ square inches
 130×10 nails = 1,300 square inches



Sample Problems

Liberty Math

1. What is the total weight of copper and iron in the statue?
2. How much more did the statue cost than the pedestal?

Solutions:

1. $32 \text{ tons} + 125 \text{ tons} = 157 \text{ tons}$
2. $\$600,000 - \$270,000 = \$330,000$