



How Big is the Statue of Liberty? Grades 2-4 In-Class Lesson Plan

Overview:

Students will learn about the height and size of different parts of the Statue of Liberty through kinesthetic movement and inquiry-based learning.

Time Frame:

30 minutes

Materials:

- Yardsticks
- Tape Measures
- Recording Sheet
- Pencil

Objectives:

Students will use their bodies as measuring tools to determine the size of the Statue of Liberty.

Procedure:

1. Ask students to name different parts of the Statue of Liberty. Encourage them to think about details, i.e. nose, eyes, fingers etc. Record their responses.
2. Explain to students that today they will be using their bodies as tools to measure the different parts that make up the Statue of Liberty.
3. Model with a student how to measure and record their height.
4. Split students into small groups or partnerships, depending on how many yardsticks or tape measures you have on hand, and invite them to measure and record each other.
5. Once all of the students have been measured, help them convert their height from inches to feet.

6. Ask students to make educated guesses about how many students make up parts of the statue. For example, how many students might equal the length of her finger? Record their ideas.
7. As a class, go through the measurements of the statue and compare them to the students' measurements. To make the discussion more relevant to younger children, call up some of the students have them lie on the floor with one child's feet almost touching the other child's head to form a long line.

Statue of Liberty Dimensions

Location	Imperial	Metric
Top of base to torch	151'1"	46.05m
Ground to tip of torch	305'1"	92.99m
Heel to top of head	111'1"	33.86m
Length of hand	16'5"	5.00m
Index finger	8'0"	2.44m
Head - Chin to cranium	17'3"	5.26m
Width of head	10'0"	3.05m
Width of eye	2'6"	0.76m
Length of nose	4'6"	1.37m
Length of right arm	42'0"	12.80m
Width of right arm	12'0"	3.66m
Width of waist	35'0"	10.67m
Width of mouth	3'0"	0.91m
Length of tablet	23'7"	7.19m
Width of tablet	13'7"	4.14m
Thickness of tablet	2'0"	0.61m
Ground to pedestal	154'0"	46.94m