



OLD SALEM EXPLORATORIUM

LESSON PLAN

Subject: Grade 3 Math

Lesson: Send for the Doctor!

Standard Addressed: Represent and interpret data (NC.3.M.D.3)

Objectives:

- Students will be able to make a representation of data and interpret data in a frequency table.
- Students will be able to solve one and two-step problems using information from the frequency table.

Materials Needed:

- Device for showing *Send for the Doctor!* video
- “How Many were Vaccinated?” activity

Outline:

- Prior to this lesson, students should understand how data can be organized and interpreted using a frequency table.
- Show the video.
- Discuss the activity prompt and model how to use data on Frequency Table 1 to complete Frequency Table 2.
- Students finish the activity independently or with a partner.

Take It Further: Students develop other ways of showing this data by using a graph.

Cross-Curriculum Connection: Students write a letter from the point of view of someone living in Salem in 1802. The letter should explain how people in Salem are being protected from getting smallpox.



How Many Were Vaccinated?

Grade 3 Math

Student Name: _____ Date: _____

The Sisters want to know more about people in Salem who got cowpox vaccinations in 1802. They ask Dr. Vierling,

“How many people got the vaccine during the months of July-October?”

The doctor gives them his records, and the Sisters make this frequency table.

Month	Number of People Who Got the Vaccine
July	
August	
September	
October	

Use the Sisters' frequency table to help you fill in the number of people who got vaccinated each month.

Month	Number of People Who Got the Vaccine
July	
August	
September	
October	

Use your table to answer the questions below.

- How many people got the vaccination in July-October? _____
- How many more people got the vaccine in August than in September? _____
- The number of people who got the vaccine in November was greater than the number of people who got it in October, but less than the number of people who got it in July.

How many people could have gotten the vaccine in November? _____



