

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
- "Send for the Doctor!" activity sheet

Outline:

- Prior to this lesson, students should understand how data can be organized and interpreted using a frequency table.
- Show the 12 ½ minute video, Send for the Doctor! (https://youtu.be/tda1nT4yEAY).
- 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.







SEND FOR THE DOCTOR!

Grade 3 Math

Student Name:		Date:
The Sisters want to k They ask Dr. Vierling		in Salem who got cowpox vaccinations in 1802.
"How many pe	eople got the vaccine du	ring the months of July-October?"
The doctor gives ther	n his records, and the Si	sters make this frequency table.
Month	Numb	per of People Who Got the Vaccine
July		•
August		
September		
October		
each month.	Month	Number of People Who Got the Vaccine
	July	
	August	
-	September	
	October	
Use your table to ans	swer the questions below	<i>'.</i>
1. How many pe	ople got the vaccination	in July-October?
2. How many mo	ore people got the vaccin	e in August than in September?
		ccine in November was greater than the number on than the number of people who got it in July.
How many pe	ople could have gotten t	ne vaccine in November?







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ANSWER KEY

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	18
August	22
September	6
October	15

Use your table to answer the questions below.

- 1. How many people got the vaccination in July-October? 61
- 2. How many more people got the vaccine in August than in September? 16
- 3. 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? 16 or 17



