## P.S. 103 <br> Math Family Letter

# Grade 4: Unit 4 <br> Addition/Subtraction \& Perimeter 

## Student Learning Goals:

- I can explain and appropriately use the standard algorithm for addition and subtraction, using what I know about place value.
- I can solve the perimeter of an objects by adding all the sides.
- I can decompose fractions and mixed numbers to add and subtract fractions with like denominators.
- I can create and explain data represented on a line plot with fractional amounts.


## Key Vocabulary:

- Add, addend, addition/joining, sum, total, subtract, subtraction/separating, difference, equation, expression
- perimeter, length, width
- Fraction, unit fraction, benchmark fraction, equivalent, denominator, numerator, decomposing, mixed number, fraction greater than 1, partition(ed),


## Website for Practice:

https://www.khanacademy.org/m ath/4th-engage-ny/engage-4th-module-5/4th-grade-module-5-topic-e/v/interpreting-data-in-line-plots comparison/compare, $<,>,=$

- Data, line plot, length


## Tools/Models/Strategies

## Addition Anchor Chart:



## Subtraction Anchor Chart:



Perimeter:


Adding \& Subtracting Fractions:
ADDING \& SUBTRACTINNG Fractions
Decomposing Fractions-breaking fractions down into smaller pieces.
Adding fractions-joining parts that refer to the same whole.
Subtracting fractions-separating parts that refer to the same whole.


Line Plots:
Line plots show how frequently something
occurs by displaying data on a number line.

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New York State Test Questions from Previous Exams


