

**P.S. 103**  
**Math Family Letter**

**Grade 1: Unit 4**  
**Measurement and Time**



**Student Learning Goals:**

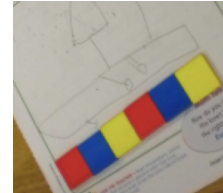
- I can put 3 objects in order from shortest to longest.
- I can measure an object by lining up items end to end.
- I can explain why the measurements are different if I measure a length with different-size items.
- I can tell what the numbers on a clock face mean.
- I can tell time to hour and half hour.
- I can match the time on an analog clock to a digital clock.
- I can recognize coins, their value, and use them to count in sets.

**Tools/Models/Strategies**

**Centimeter Cubes**



**Paperclips/Color Tiles (Non-standard units)**



**Rulers (inch and centimeter)**

inches side up



centimeters side up



**Tape measure**



**Money**



**Analog and Digital Clocks**



**Key Vocabulary:**

- Measure, order, length, height, more, less, longer than, shorter than, first, second, third, gap, overlap, about, a little less than, a little more than, endpoint
- Time, hour, half-hour, about, o'clock, past, six-thirty, analog clock, digital clock
- Coins, pennies, nickels, dimes, quarters
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