

Edna Brewer
6th Grade Unit Newsletter
Number System

In Math 6, we have concluded our unit on statistics! The students did a fantastic job completing independent statistical projects on topics of their choice. They developed statistical questions, collected data from their classmates, and then demonstrated their recently acquired statistical skills and knowledge by analyzing the data and presenting their findings with a poster. The students also demonstrated their mastery of statistics by performing extremely well on a rigorous summative assessment. They can also improve their grades on the summative assessment by completing an “Error Analysis” form for the questions that they missed on the assessment; successful completion of this form will earn the students half of the points that they originally missed.

Now that we have wrapped up our unit on statistics, we will spend the next 4 to 5 weeks delving into the number system. We will seek to understand how positive and negative numbers are related to each other and the different ways to represent rational numbers in real-life. This unit will begin by building on students’ understanding of positive and negative numbers in real-world contexts and by developing an understanding of absolute value. We will then shift our focus to plotting and interpreting coordinates on a coordinate plane. Finally, the unit will conclude with a focus on converting decimals and fractions and ordering rational numbers on a number line.

Below are some helpful resources if your child would like additional practice or guidance with these topics at home:

- Negative numbers: <http://www.khanacademy.org/math/arithmetic/absolute-value/add-sub-negatives/v/negative-numbers-introduction>
- Positive and negative integers: <http://www.mathsisfun.com/positive-negative-integers.html>
- Absolute value: <http://www.mathsisfun.com/numbers/absolute-value.html>
- Coordinate plane: <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-coordinate-plane/v/the-coordinate-plane>
- Converting fractions to Decimals: <http://www.mathsisfun.com/converting-decimals-fractions.html>
- Decimals and Fractions: <http://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-fractions-decimals/cc-7th-fracs-to-decimals/v/decimals-and-fractions>

It continues to be an honor and a joy to teach (and learn from) each of your children.

Best wishes,
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