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Birth date: 10/30/2010
Grade level: 8th Grade

2024 - 2025



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8th Grade Math - Karen Harvey

		Gr 8 Fall
Comments		
Subject description		
<p>In 8th grade math, students have engaged with a range of topics that build critical algebraic and statistical skills. The year began with graphing linear equations, where students learned to plot points and understand the relationships represented by linear graphs. They progressed to writing equations and expressions derived from real-world problems and data tables, enhancing their ability to translate between different representations of mathematical relationships. Next, students explored graphing inequalities and solving systems of equations and inequalities, developing strategies to find solutions and interpret their meaning in various contexts. Additionally, the class analyzed two-way data tables, gaining the ability to interpret and organize categorical data effectively. To round out their statistical understanding, students examined correlation coefficients and lines of best fit, learning to interpret statistical relationships and trends within data sets. This comprehensive approach has provided a strong foundation for advanced mathematical concepts and real-world applications.</p>		
Narrative 2024-2025		
<p>In class, we began by assessing students' areas of need for additional support. After that, we quickly moved into solving linear equations, writing equations and expressions from given examples. The class then tackled systems of equations using the elimination method and learned how to graph these systems. As we progressed into the second half of our unit on equations and inequalities, students refined their skills in graphing linear inequalities and creating systems of inequalities from word problems. Our current focus is on two-variable statistics, where we are investigating correlation versus causation, calculating the line of best fit using graphing technology, interpreting what the line of best fit reveals about the problem, determining residuals, and estimating the correlation coefficient from a graph.</p> <p>Adam has made consistent growth in math throughout the first semester. One of Adam's strengths is identifying corollary relationships in scatter plots, both through manual graphing and graphing technology. Additionally, Adam excels in solving linear equations and inequalities, demonstrating a strong understanding of the "legal moves" in problem-solving.</p> <p>An area for growth is Adam's response to feedback, both through formal graded assessments and informal class discussions. At times, receiving feedback can be challenging, and we have been working together to develop the understanding that mistakes are not a reflection of innate ability in math but rather a natural part of the learning process. With continued focus and practice, Adam is well on track for further success in the second semester.</p>		