



Vision - St. Louis Public Schools is the district of choice for families in the St. Louis region that provides a world-class education and is nationally recognized as a leader in student achievement and teacher quality.

Mission - We will provide a quality education for all students and enable them to realize their full intellectual potential.

Pamoja Prep Academy – Weekly Virtual Learning Planner

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| Teacher | Mwalimu Roseman | Grade | 7 th Grade | Subject | Math |
| Week of | Week 1 Priority Standards 02/16/21 | Topic/Title | Integers | | |

Math

| Lesson/Topic | Lesson Target/Objective | Live Instruction | Independent Work | Check for Understanding | Due Date |
|-----------------------------|---|--|---|---|----------|
| Lesson 1 02/16/21 | I can use multiple representations to model real-world and mathematic problems involving multiplication and division of rational numbers | Whole group live instruction. Introduce students to the repeated addition rule of multiplication and inductive reasoning to develop a conceptual understanding of integer multiplication. Model repeated addition to show the product using integer chips. Students will work in breakout groups Big Ideas Dynamic Classroom Examples | Students will watch the following videos <ul style="list-style-type: none"> Khan Academy: Why a negative times a negative makes sense Flocabulary Multiplying Integers Students will practice skills on IXL <ul style="list-style-type: none"> 7-C-15 Integer Multiplication Rules Big Ideas Lesson 1.4 | Students will complete questions from the exit ticket | 02/16/21 |
| Lesson 2 02/17/21 | I can critique the reasoning of others, identifying errors and alternate approaches to solving problems involving multiplication and division of rational numbers. | Whole group live instruction. Explain how to use a horizontal number line to show addition. Explain how to use a vertical number line to show addition. Students will practice addition of integers on a horizontal and vertical number line. Students will work in groups to complete Workbook Activities 1, 2, 3, and 4 and complete Inductive Reasoning Table. | Students will watch the following video(s) <ul style="list-style-type: none"> Khan Academy: Multiplying negative numbers Students will practice skills on IXL <ul style="list-style-type: none"> 7-C-16 Multiply Integers Flocabulary: Multiplying Integers | Students will complete questions from the exit ticket | 02/17/21 |
| Lesson 3 02/18/21 | I can decontextualize and contextualize problems and solutions to explain his or her reasoning in multiplication and division of rational numbers. | Whole group live instruction. Explain the rules of multiplying integers and create notebook foldable. Explain how to multiply integers using counters or number lines. Students will use counters or a number line to multiply integers. Think Solve and Share activity on multiplying integers. Students will complete the practice questions using Nearpod Presentation. | Students will watch the following video(s) <ul style="list-style-type: none"> Khan Academy: Dividing Negative numbers Students will practice skills <ul style="list-style-type: none"> Flocabulary Read and Response Lesson on Multiplying and dividing Integers Big Ideas work book Lesson 1.4 (odd only) | Students will complete questions from the exit ticket | 02/18/21 |
| Lesson 4 02/19/21 | I can identify and explain patterns and the structure of the problems with specific focus on the properties of mathematics when solving problems involving multiplication and division of rational numbers. | Whole group live instruction. Explain the rules of multiplying integers. Explain how to multiply integers using counters or number lines. Students will complete the Big Ideas Dynamic Classroom activities. | Students will watch the following videos <ul style="list-style-type: none"> Khan Academy: Multiplying and Dividing Integers Students will practice skills <ul style="list-style-type: none"> IXL 7-C-21 Multiply and Divide Integers | Students will complete questions from the exit ticket | 02/19/21 |

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| Lesson 5 02/20/21 | I can communicate his or her reasoning precisely to problems involving multiplication and division of rational numbers | Whole group live instruction. Explain the rules of multiplying and dividing integers. Demonstrate how to multiply and divide integers using counters or number lines. | Students will watch the following video(s) <ul style="list-style-type: none"> ▪ Flocabulary Multiply and Divide Negative Numbers Students will complete the Multiplying and Dividing Integers Quiz on Quizzzz.com | Students will complete questions from the exit ticket | 2/20/21 |
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