

Middle School Mathematics

Ms. Kristen Lindsay

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Mathematics Grade Weighting Policy

Homework/Class Participation	Computation	Formative Assessments	Summative Assessments
Primarily evidenced by: <ul style="list-style-type: none">• Homework• Student Participation• Teacher Observation• Observing and Following Directions	<ul style="list-style-type: none">• Assessments of Basic Mathematical Skills without a calculator• Simple Solutions Quizzes	<ul style="list-style-type: none">• In-class Activities/ Assignments• Quizzes• Small Projects• Group Activities	<ul style="list-style-type: none">• Tests• Large Projects• Composition Book Checks• Semesters 1 & 2 Final Exams
10%	10%	35%	45%

*These items listed are examples of work to be graded

Late Assignments for 8.1 Pre-Algebra (Formative/Summative)

- Each Day an assignment is late, 12% will be deducted from the grade
 - 1st Day Late = Max Grade of 88%
 - 2nd Day Late = Max Grade of 76%
 - 3rd Day Late = Max Grade of 64%
- On the 4th Day Late: Assignment receives a zero (0%).

Late Homework Assignments for 8.1 Pre-Algebra

- Homework is a weekly grade with assignments that are checked daily.
- Homework is expected to be completed on the night it is assigned so that students will be prepared to participate in the following class.
- Homework/ Participation Grades will not be accepted late.

Cumulative Finals

- 8.1 Pre-Algebra will have a Semester 1 Final on material covered in Quarters 1 & 2.
- The Semester 2 Final will cover material from the entire year.
- All tests in mathematics are cumulative to an extent as all the material builds upon itself.
- **4th Quarter Final Grade = 90% Core Math Class + 10% Final Exam**

After School help is available every Wednesday from 3:30 to 4:30 and Thursdays during lunch by request

Texts: *Sadlier-Oxford Foundations of Algebra II* - Text and Workbook
Simple Solutions: Algebra Part A - Practicebook

Topics of Study in 8.1 Pre-Algebra:

Semester 1:

- Equations
- Transformations and Geometry
- Exponents and Scientific Notation
- Geometric Applications of Exponents

Semester 2:

- Functions
- Linear Functions
- Statistics
- Solving Systems of Equations

Skills to be intertwined within the study of mathematics:

Communicating Mathematically
Use the language and vocabulary to represent mathematics in both oral and written form.
Analyze and evaluate mathematical thinking and strategies.
Predict outcomes of real-world situations using various methods.
Relate mathematical concepts to other academic fields and everyday life.
<i>Problem Solving</i>
Apply and adapt a variety of strategies to problem solving.
Solve logic problems by looking for a pattern.
Monitor, question, and reflect on the process of problem solving.
Demonstrate and use inductive, deductive, and logical reasoning.
Determine whether solutions are reasonable and appropriate.
Explain strategies and solutions to word problems in writing.
<i>Technology</i>
Use available technology to enhance an interactive learning environment.
Apply and integrate technology as it relates to mathematical concepts.
<i>Connections</i>
Recognize and use connections among mathematical ideas.
Understand how mathematical ideas interconnect and build on one another.

Weebly Page: <http://klindsaysjnrcs.weebly.com>

8.1 Remind: <https://www.remind.com/join/9fh84f>

Or text @9fh84f to the number 81010 to join the 8.1 Remind