

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

\*These items listed are examples of work to be graded

### Late Assignments for 6th Grade Mathematics (Formative/Summative)

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

### Late Homework Assignments for 6th Grade Mathematics

- 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

- 6th Grade Mathematics 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 Progress in Mathematics* - Text and Workbook  
*Simple Solutions: Intermediate B* - Practicebook

## Topics of Study in 6th Grade Mathematics:

### Semester 1:

- Number System Fluency
- Integers and Rational Numbers
- Rates, Ratios, and Proportions
- Expressions and Order of Operations

### Semester 2:

- Equations and Inequalities
- Geometry
- Area and Volume
- Statistics

### Skills to be intertwined within the study of mathematics:

|   |
|---|
| <b>Communicating Mathematically</b>   |
| 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.                |
|   |
| <b><i>Problem Solving</i></b>   |
| 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.                           |
|   |
| <b><i>Technology</i></b>  |
| Use available technology to enhance an interactive learning environment.                |
| Apply and integrate technology as it relates to mathematical concepts.                  |
|   |
| <b><i>Connections</i></b>   |
| Recognize and use connections among mathematical ideas.                                 |
| Understand how mathematical ideas interconnect and build on one another.                |

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

6B Remind: <https://www.remind.com/join/hh8e8b>

Or text @hh8e8b to the number 81010 to join the 6B Remind