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## MJ Mathematics I

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Mrs. Natalie Hunter “Mrs. Nat”  
nataliehunter@cambridgeprepacademy.com  
Classroom: 386-243-8285 Ext: 116  
Cell: 386-365-0212

August, 2022 - May 2023  
Monday through Friday  
1:35 pm - 2:30 pm

**COURSE DESCRIPTION:** The transition from fifth to sixth grade is a time when many students are feeling a range of emotions. Students in the 6th grade focus on active engagement with numbers by focusing on conceptual understanding, computational and procedural skills, and problem solving. The 6th grade standards require students to study the following areas: rational numbers, algebraic thinking, proportional reasoning, statistics, data analysis, probability, and plane and solid shapes. Students will increase their understanding of the course material by participating in homework, class work, quizzes, tests, group and individual projects, independent problem solving, and oral presentations.

**OBJECTIVES:** As a result of this course, you will be able to:

- perform all four operations with rational numbers with procedural fluency.
- explore and apply concepts of ratios, rates, percentages and proportions to solve problems.
- create, interpret and use expressions, equations and inequalities.
- extend geometric reasoning to plotting points on the coordinate plane, area and volume of geometric figures.
- extend understanding of statistical thinking to represent and compare categorical and numerical data.

### CLASSROOM POLICIES & PROCEDURES

**ATTENDANCE AND PUNCTUALITY:** Be on time for class! If a student comes in after the tardy bell has rung, they will be marked tardy. Refer to tardy policy in handbook for consequences for excessive tardies. Students may also not leave early, unless called by the office. If they leave early without an excused reason, they will be counted as tardy for that day.

**COMMUNICATION:** If a student or parent needs to communicate with regards to grades or policy, please email me at [nataliehunter@cambridgeprepacademy.com](mailto:nataliehunter@cambridgeprepacademy.com) or through Praxi. If you have a quick question during or after school hours, you may text or call my cell at 386-365-0212. I may not be able to answer or respond immediately, but will follow up as soon as possible. If you need to reach your student during their scheduled class time, you may call my classroom phone 386-243-8285 ext: 116. Please note; if I am instructing I will not be able to answer my classroom phone. If it is an emergency, please contact the front office.

**CELL PHONES, COMPUTERS, AND OTHER ELECTRONIC DEVICES:** Computers will need to be brought to class every day. All other electronic devices including but not limited to; cell phones, earbuds, headphones, or handheld gaming devices may not be used during class. If a student is found to be using or having any of these on their person, the handbook disciplinary action policy will be utilized.

**FOOD AND DRINK:** Water is allowed only if contained in a water bottle or cup with a lid that can be sealed. **ABSOLUTELY NO FOOD OR GUM ALLOWED IN CLASS!!**

**CLASSROOM ETIQUETTE:** Students are expected to be respectful and polite to their teacher and peers. Insults, name-calling, and rudeness is not allowed. Absolutely **NO** bullying allowed at **ANY** time in this classroom. Students must stay in their seats during class, not mess with others' belongings, encroach in others' personal space, and not speak when others are speaking. Students will keep the classroom clean and orderly by not writing on desks or walls, leaving physical items in the class, and making sure to throw away any and all trash.

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## COURSE OUTLINE

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**Chapter 1: Numerical Expressions and Fractions**

**Chapter 2: Fractions & Decimals**

**Chapter 3: Integers, Number Lines, and the Coordinate Plane**

**Chapter 4: Operations with Integers**

**Chapter 5: Operations with Rational Numbers**

**Chapter 6: Algebraic Expressions and Properties**

**Chapter 7: Equations and Inequalities**

**Chapter 8: Ratios and Rates**

**Chapter 9: Percents**

**Chapter 10: Area, Surface Area, and Volume**

**Chapter 11: Statistical Measures and Data Displays**

**Chapter 12: Probability and Populations**

**GRADING:** Students grades will be based on the following categories and weights: Homework/Classwork 60%, Quizzes/Exams 30% with Participation/Projects at 10%. The grade scale is as follows;

89.5-100% = A    79.5-89.4% = B    69.5-79.4% = C    59.5-69.4% = D    < 59.4% = F

**ASSIGNMENT SUBMISSION:** Assignments given will be due by the end of the class period unless otherwise noted in Praxi. Follow the handbook for late work grading policy. If a student has an excused absence, the student has three calendar days to turn in their make-up work. If the make up work is not turned in by day three, the student will receive a zero. Make up work will not be allowed for unexcused absences and therefore a zero will be scored.

**ACADEMIC INTEGRITY OFFENSES:** Academic integrity is defined as the commitment to and demonstration of honest and moral behavior in an academic setting. Students are expected to maintain this integrity while completing their assignments. Students that are found in violation of academic integrity will be subject to disciplinary action. This will include, but is not limited to; a zero on the assignment, parent/teacher conference, and possible dismissal from the school.

