



# Sierra Madre Middle School

MATH 1H  
2019-2020

Pasadena Unified School District • Sierra Madre MS • 160 North Cañon Avenue, Sierra Madre, California 91024

## Contact Information

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## Mission Statement

Sierra Madre Middle School is committed to providing a program which promotes academic, physical, emotional, and social growth for all our students within a safe and secure environment. Our goal is that these endeavors will foster high student academic achievement and creative thinking among our students and staff, to work together in harmony with parents and the community for the good of all.

## Course Objectives

The Pasadena Unified School District has general goals and a Mission Statement for all schools. The following are the specific goals for classroom E207.

1. The development of virtues such as honesty, integrity, responsibility, trust, and a commitment towards moral convictions.
2. The instruction in a discipline which is characterized by both breadth and depth.
3. An Integrated curriculum with both academic and technical material which will enhance the student's opportunities to pursue additional education and provide a foundation for lifelong learning and adaptability to change.
4. The promotion of personal, social and emotional growth.

## Course Description for Integrated Math 1H

Within each student lesson, questions, instruction, and worked examples are interleaved to engage students as they develop their own mathematical understanding. The lessons are structured to provide students with various opportunities to reason, to model, and to expand on explanations about mathematical ideas. The over-arching questioning strategy throughout the text promotes analysis and higher order thinking skills beyond simple "yes" or "no" responses. By explaining problem-solving steps or the rationale for a solution, students will internalize the processes and reasoning behind the mathematics.

The following are the topics covered:

- 1) Relationships, Quantities and Patterns
- 2) Linear Functions and Systems
- 3) Non-Linear Functions
- 4) Descriptive Statistics
- 5) Geometric Functions

## Required Text and Materials for Integrated Math 1H

The Text that will be given to the student is Carnegie Learning Integrated Math I. Students should come to class ready to listen, work, and learn. It is the students responsibility to bring to class pencils, pens, graph paper, as well as the textbook required for that period. It is necessary for the students to appropriately maintain and secure the contents loaned to them by the school, as well as those purchased by the student. A TI-84 Calculator (\$150) will be available for classroom use for each student. The student may also purchase their own TI-84 Calculator for use at home and in other classes. This is more than likely the same calculator that they will use in their high school math classes as well as on an AP Math Test.

## Grading Criteria for Integrated Math 1H

All students will have their grades calculated by a combination of five major categories.

The categories and their weights are as follows:

Homework/Classwork 10%

Topic Assessments 45%

Module Assessments 20%

Midterm and Final Examinations 25%

The number of homework assignments given will depend on the number of topics covered for that semester. All of the assignments have due dates and will be evaluated at the end of each module (chapter). In addition, all graded assignments will receive points for *neatness* as well as content. Attendance, participation, and effort will be graded subjectively in order to potentially help the students' grade round up to the next letter grade. Therefore, it is of vital importance that students work diligently throughout the school year so that they are prepared for class discussion and summative assignments.

## Conclusion

I am always willing to provide help for students. If students ask for help, I will find time to help them. Typically, the best time to ask for help is immediately after school, but I cannot always assure that I will be available. It is important for your child to spend time everyday, Monday–Thursday and sometimes Friday, reinforcing skills and concepts. Please help your child develop responsible study habits.

The approaches I use in my teaching methods are based on educational research and personal experience. For example, there are no extra-credit assignments available in my class. I believe we do a disservice to students when we allow them to pass through with less than their best.

Should you have any questions about the class, please call or e-mail to set up an appointment to meet with me. Please avoid “drop-in” conferences as this makes it very difficult to prepare and do a thorough job of discussing your concerns.

I am looking forward to another excellent school year. I will do my best to keep this group of students challenged. I look forward to working with you and with them to make this an outstanding year.

Yours truly,



Daniel M. Martinez