

HMS Math-8 Newsletter

Marking Period 1 Units of Study (August 26 - Nov 1)



HPS Math Goal & Belief

Goal: All students will demonstrate accelerated growth toward Algebra I readiness by the end of grade eight.

Belief: A strong foundation in Algebra skills leads to higher-level math opportunities and general school success.

Unit
1

TRANSFORMATIONS

Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.

Unit
2

LINEAR RELATIONSHIPS

Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear.

Unit
3

VOLUME

Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.



Perseverance

I can try many times and many ways to understand and solve math problems.



Use Appropriate Tools

I can use math tools, pictures, drawings, and objects to solve problems.



Attend to Precision

I can use math vocabulary precisely and consistently.

Math Workbooks

Each student is given a math workbook every unit. The workbooks include:

- *Notes*
- *Homework*
- *Study Guides*

It is a good idea to keep these workbook for reference as they can be useful in High School.

Grade Breakdown

Grade breakdown will be:

- 80% Formal (tests, quizzes, projects, performance tasks).
- 20% Informal (do nows, homework, class participation, class work).

For clarification, please contact,
Mrs. Willis, Math Specialist
twillis@hamden.org



Math Assessments

Students take quiz/quizzes and a test every unit.

Students are allow to retake quizzes, only one time per quiz. The quiz and the retake will be averaged for one final quiz grade.

Students will need to review with their math teacher one time, during office hours, before being allowed to schedule their retake quiz.

MEET THE 8TH GRADE TEACHERS

House 1
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