

# Class Expectations

8<sup>th</sup> Grade Math

Manchester Essex Regional Middle School

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| Units of Study                     | Description   |
|------------------------------------|---|
| Equations                          | Analyze and solve linear equations  |
| Expressions and Functions          | Define, evaluate and compare functions<br>Use functions to model relationships between quantities                                 |
| Linear Equations and Scatter Plots | Understand the connections between proportional relationships, lines and linear equations   |
| Systems of Equations               | Solve simultaneous linear equations   |
| Triangles and Transformations      | Understand congruence and similarity of triangles and shapes  |
| Exponents and Scientific Notation  | Work with radicals and integer exponents  |
| Angles and Shapes                  | Understand and apply the Pythagorean Theorem<br>Solve real world and mathematical problems involving cones, cylinders and spheres |

**Rules:** Please use these rules as a guideline for conduct in our classroom.

1. Respect your fellow classmates, your teacher, your school and yourself.
2. Work hard to learn the material. This includes being attentive in class, asking questions when you are confused, studying each night and attending extra help when needed.
3. Come prepared. Bring all of your materials (binder, writing utensils, calculator, and homework).
4. Stay organized. Take neat notes, check Google Classroom and Aspen, and keep your binder up-to-date.

**Organization/ Binders (5%):** This year, we will be learning many mathematical concepts that build on one another. Therefore, organization of each unit's material is a **key component** to success. Binders will be checked periodically and you will be graded on it.

**Homework (15%):** Must be on time and complete to earn full credit. Homework that does not meet those standards will earn a 50%. Late assignments after one day are not accepted and will earn a 0. Copying someone else's work is considered cheating. Cheating is not tolerated and both students will receive a 0.

\*It is the student's responsibility to get the notes and to check Google Classroom and Aspen for assignments and Problem of the Days when absent.

**Classwork/Participation (15%):** Come to each class with an eager and open mind, ready to participate in going over previous assignments as well as learning the day's material. Ask relevant questions, offer solutions and be an active learner. Problem of the Days on Google Classroom will also be factored into your participation grade.

**Tests/Quizzes/Projects (65%):** Assessments will make up the majority of your grade. Expect a short quiz after a couple of sections and a test or project after each unit.

**Consequences:** If you do not comply with the expectations above or are disrupting class in any way, you will face the consequences prescribed by the school's disciplinary procedure. No student will be allowed to disrupt his or her classmates' education.

We are in for an exciting year of math!

Please read this through with your parents or guardians and **turn this in on Google Classroom**. It will count as your first homework assignment.

-Mrs. Manzi