

Mr. Rachel

drachel@chooseAESD.org (preferred method)

7:15 am-3:30pm

Course Description: Eighth grade mathematics is about (1) formulating and reasoning expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

Must do to start your year:

1. Set up a **classtag** with a parent or a guardian. This document will go home on day one. Your parent or guardians must provide a valid email in which they will use to sign up for classtag alerts. When you adult has completed this you will be taken off the list.
2. Welcome Day 1 - assignment (Assignments will be in google classroom when it is set up by the district admin team)
3. Personality Traits -assignment (In google classroom once set up)

Due the first friday of the year

Sequence of Grade 8 Modules

- Module 4-Linear Equations (Aug. 6-Sept. 27)
- Module 7-Introduction to Irrational Numbers Using Geometry (Sept. 30-Nov. 1)
- Module 5-Examples of Functions from Geometry (Nov. 4-Dec 6)
- Module 6-Linear Functions (Dec. 9-Jan. 17)
- Module 1-Integer Exponents and Scientific Notation (Jan. 21-Feb. 21)
- Module 2-The Concept of Congruence (Feb. 24-Mar.27)
- Module 3-Similarity (Mar. 30-April 24)

Materials Needed:

- Math Spiral notebook
- Pencils and Pens

Learning Expectations:

- Dress appropriately and eat breakfast before class.
- Be seated upright at a table or work area
- Be prepared with your learning materials (charged Chromebook/iPad, notebook, pencil, headphones, etc.)
- Be on-time, Attendance can be linked directly to how well student perform
- Raise your hand when you have a question or to give a response. Unless direct to just say it out loud. :)
- Participation is required. Be an active listener and learner!
- Follow your daily schedule and stay aware of your tasks.
- Complete your assignments/task. Contact your teacher with questions.

This class is taught through the use of retrieval practice, direct instruction, and small groups.

Due dates will be outlined in Google Classroom. Any assignment not completed during class time is required as homework in addition to any homework assigned. **Practice is the only way to improve.** Late work is not allowed. (However, always come talk to me as I know sometimes things happen)

Grading Scale:

- Homework 20%
- Classwork: 30%
- Quizzes and assessments: 45%
- District Assessments 5%

Grades in Synergy (Parent View) will reflect the grades posted in Google Classroom

Google Classroom will be your most accurate and current grade. Do not rely on Synergy Parent View to always be up to date.