

Middle School Math

Teacher: Mr. Aguilera

Days – Wednesdays & Fridays

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Welcome to middle school math! This class is designed to teach and support students with basic, intermediate and advanced math skills by developing mathematical vocabulary, approaching and solving problems in a variety of ways, and providing ample practice with mathematical concepts including (but not limited to) solving equations, graphing, geometry, word problems, multiplication, division, fractions, decimals, ratios, etc. Students will have homework, projects, tests and quizzes to help them explore and put into practice their learning.

Grade breakdown

Homework and Classwork: 70%

Projects and Assessments: 20%

Participation: 10%

Homework and Classwork: Please turn all homework and classwork in on time. In order to receive full credit, you need to show all of your work. If you need help, do not hesitate to ask your teacher, EP or parent for help.

Projects: Projects will be given to help students explore further mathematical concepts, learn their relevance to daily life and practice concepts learned in class and at home. Students will be given ample time to plan, create and finish their projects.

Assessments: A few formal assessments meant to check for conceptual understanding will be given throughout the semester.

IXL: IXL is an online resource designed to help students master specific mathematical concepts. Students will be expected (as part of their homework) to complete at least 5 hours of IXL practice each week. For each assigned IXL Topic the student will write down at least 10 math problems that are completed on IXL.

Middle School Math: First Week Assignment

1. Go to the Kahn Academy website
2. Type in the search bar **decimals on the number line 1**.
3. Click on the first link.
4. Complete the entire sequence of activities in the left sidebar.
5. Type in the search bar **comparing fractions visually with a bar**.
6. Click on the first link.
7. Complete the entire sequence of activities in the left sidebar.
8. Find 2 challenging math topic that you have not learned before and complete the entire sequence of activities. The topic should be a Pre-Algebra concept.
9. Write a 1 page, double spaced reflection detailing what you learned from the Kahn Academy activities. You should use size 12 font.