

# Overview

# Topics covered

In Course 3, we are preparing for Algebra in High school. Here is a breakdown of some common activities we will be using for math learning and practice:

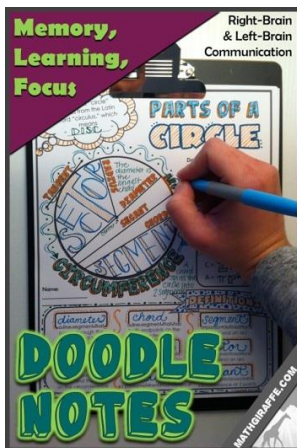
## Spiral Review Homework & Quizzes

Each Monday, student will receive the homework page for the whole week. The bottom row of each week's homework is the skill we have most recently learned in class, while all of the above rows are review of older skills. In our class, we take a quiz almost every Friday on topics covered by homework. **No More Tests!**

Monday	Tuesday	Wednesday	Thursday
$3^2 + 4^2 = 5^2$	$5^2 + 12^2 = 13^2$	$8^2 + 15^2 = 17^2$	$7^2 + 24^2 = 25^2$
Monday Math Review - Ch.180	Monday Math Review - Ch.180	Monday Math Review - Ch.180	Monday Math Review - Ch.180
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## Doodle Notes

Students will be creating a doodle notebook for each trimester in their 3-pronged folders. Doodle notes uses brain science to help keep students engaged and help with retention of math concepts using colors and visual triggers.



## The Number System

- ✓ Know that there are numbers that are not rational, and approximate them by rational numbers.

## Expressions and Equations

- ✓ Work with radicals and integer exponents.
- ✓ Understand the connections between proportional relationships, lines, and linear equations.
- ✓ Analyze and solve linear equations and pairs of simultaneous linear equations.

## Functions

- ✓ Graph linear equations in slope-intercept-form.
- ✓ Define, evaluate, and compare functions.
- ✓ Use functions to model relationships between quantities.

## Geometry

- ✓ Understand congruence and similarity using physical models, transparencies, or geometry software.
- ✓ Understand and apply the Pythagorean Theorem.
- ✓ Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

## Statistics and Probability

- ✓ Investigate patterns of association in bivariate data.



# WELCOME TO

# Course 3 Math



*mrs warren*

Room C1

[kwarren@my.rescueusd.org](mailto:kwarren@my.rescueusd.org)  
or message me on JupiterEd

# expectations

be kind  
stay engaged  
work hard



**Beginning of class** → Take a seat, take out materials listed on the board, and wait for further instruction.

**During class** → Be an active participant in your learning. Listen, collaborate, and ask questions.

**End of class** → Stay in your seat until dismissal by Mrs. Warren

# required materials

- ✓ Avid Binder
- ✓ Colors (pencils and/or felt pens)
- ✓ 4 x 3-pronged Folders
- ✓ Scientific calculator
- ✓ Notebook (graph or lined)

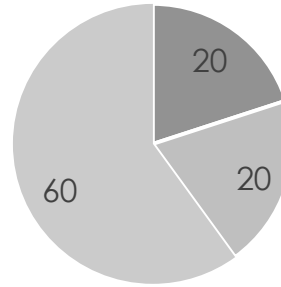


**\*\*Please have supplies by\*\*  
**\*\* Wednesday 8/21 \*\*****

# grades

This course's grades are broken up into 3 different grading categories: Homework, Participation and Assessments (IXL, Quizzes and Projects)

- Homework **20%**
- Participation **20%**
- IXL, Quizzes, and Projects **60%**



### Participation:

Each day, a student can earn up to 2 points for coming to class prepared and participating in class activities.

### LATE WORK:

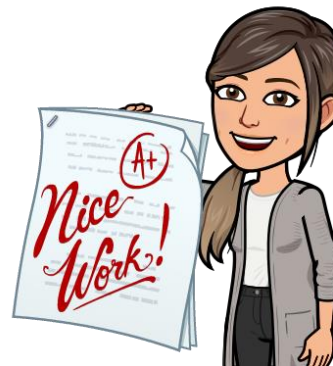
Practice work is accepted late for 50% off. Projects are accepted for 10% off per day late, up to 5 days.

### MAKE-UP WORK:

Make-up work is accepted **ONLY** for excused absences. When absent, please check JupiterEd for make-up work. **IT IS YOUR RESPONSIBILITY TO RESCHEDULE MISSED ASSESSMENTS!**

### Quiz Corrections:

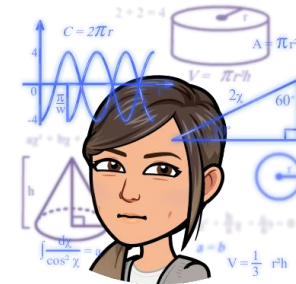
Students may complete test/quiz corrections to receive up to 1/2 credit on each problem missed no matter what grade you got. Corrections are due one week after test or quiz is passed back.



# technology



I post all of my graded assignments and participation grades on JupiterEd. Homework and Participation does not get graded till the end of the week.



We use **IXL.com** weekly and students will have a graded tracker at least each month.

# academic dishonesty

Academic dishonesty will **NOT** be tolerated under any circumstances. Cheating, copying, or plagiarism of any form will result in the following consequences:



- failure of the assignment
- disciplinary referral
- parent contact

**JUST DON'T DO IT.**