

**8<sup>th</sup> Grade Mathematics Syllabus 2019-20**  
**Claremont Middle School - Room 15**

**MATHEMATICIANS**  
**NOTICE PATTERNS - DESCRIBE PATTERNS - GENERALIZE PATTERNS**

**Teachers:** Ms. Baty

**E-mail:** [wendy.baty@ousd.org](mailto:wendy.baty@ousd.org)

**Phone:** Ms. Baty (415) 235-6696

**Office Hours:** Afterschool Tuesday- Friday until 4:30

- Please let me know if you are planning to come in for help. There are times when I'll be out for meetings or other events.
- Text/call if you have questions that need immediate attention. I will do my best to respond to emails within 24 hours.
- Please check google classroom for missed assignments

### **Course Goals**

In math this year, we will focus on improving mathematical thinking and problem solving skills. Students will be asked to try different approaches to problem solving, evaluate the reasonableness of their answers, notice patterns and make generalizations, and explain their reasoning verbally and in writing. We will use a combination of independent and partner work, projects, assessments, and blended learning platforms(Desmos, Manga High, Khan Academy) to grow as mathematicians.

We will cover the following topics throughout the rest of the year:

- Unit 1: Rigid Transformations and Congruence
- Unit 2: Dilations, Similarity and Introduction to Slope
- Unit 3: Linear Relationships
- Unit 4: Linear Equations and Linear Systems
- Unit 5: Functions and Volume
- Unit 6: Associations in Data
- Unit 7: Exponents and Scientific Notation
- Unit 8: Pythagorean Theorem and Irrational Number

**Materials:** Students are expected to have the following materials for the class **EVERY DAY:**

Provided by families:

- Pencils (Mechanical pencils with extra lead or several pencils and sharpener)
- Math Folder (to hold graded work, handouts, Do Nows)
- Calculator** (basic calculator, does not need to be a Scientific calculator)
- Composition Notebook

Provided by CMS (Illustrative Mathematics Unit Workbook and Planner)

## GRADING (Aeries is updated on a weekly basis)

Category	Weight	Assignments
Assessments	50%	<ul style="list-style-type: none"><li><input type="checkbox"/> Students will demonstrate their level of understanding on End of Unit assessments and weekly Friday quizzes.</li><li><input type="checkbox"/> After feedback/reflection, students will be given the opportunity to demonstrate understanding on retakes before/after school and at lunch.</li></ul>
Classwork	40%	<p>The Classwork grade is based on:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Daily Do Nows</li><li><input type="checkbox"/> Illustrative Math/Desmos Assignments<ul style="list-style-type: none"><li><input type="checkbox"/> All calculations are shown and easy to follow in notebook</li><li><input type="checkbox"/> Explanations are written in complete sentences</li></ul></li><li><input type="checkbox"/> Exit Slips (at least 2 per week as formative assessments)</li><li><input type="checkbox"/> Projects</li></ul> <p>**Specific requirements for each assignment will be given daily</p>
Homework	10%	<p>Homework will be assigned Monday - Thursday (4 points/assignment)</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Most assignments will be from the Illustrative Math workbook</li><li><input type="checkbox"/> Homework is intended to have students practice analyzing problems, not just getting a quick answer</li><li><input type="checkbox"/> Grade is based on student's attempt on the problem using the "I know" chart (will be taught the first week of school)</li><li><input type="checkbox"/> Check Google Classroom if you forget what's assigned</li></ul>

### Absent/Missed Work Policy

ALL work missed by an excused or unexcused absence must be completed.

Assignments will be posted in Math 8 Google Classroom. Class code is **zs5wyk0** Desmos lessons can be accessed at home and the online version of the workbooks can be found at <https://im.kendallhunt.com/MS/students/3/index.html>

It is the student's responsibility to check in with the teacher regarding any missed work (Do Nows, Classwork, Exit Slips, Homework, Assessments) and how to make up the assignment.

To make up the missed work, the student will have as many days as were originally assigned to complete and submit the assignment and receive up to full credit. If a student is absent for a quiz or test, the student will have up to one week to make up the assessment.

If a student was present, but did not complete the work, late work is accepted one week after it's assigned.

## Classroom Expectations

### Basic Behavior Expectations

- Follow directions the first time given.
- Keep hands, feet, and objects to yourself.
- Listen attentively to the speaker.
- Use positive and constructive language.
- Food, gum, headgear, and electronics (such as cell phones, smart watches and headphones) should be put away at all times.

### Math Classroom Norms:

- Everyone in the room is a teacher (we leverage our different strengths and listen to others)
- Mistakes are valued (we accept them, inspect them and respect them)
- Everyone can learn math (nothing horrible will happen if we try and fail)

### Technology Expectations: (All students are assigned a computer number)

- Stay on the assigned website
- Do not draw, scratch or carve the computer
- Keys remain in the correct place
- Report any damages immediately

### Phone Policy

1st time - I hold it for the rest of the class

2nd time in a week - it goes to the office

Arguing about the phone or not handing it over will result in the phone (and you )going to the office.

### Consequences

1. Verbal Warning - Reminder of directions
2. Verbal Warning - loss of behavior stamp
3. 1:1 check in
4. Call home
5. Office

\* Your teacher reserves the right to skip ahead on our consequence ladder in the event of a severe incident.

## Curriculum and Online Resources

### Desmos:

<https://student.desmos.com>

**Illustrative Math Curriculum resource for parents: (provides background information to better understand what your student is learning)**

<https://im.kendallhunt.com/MS/families/3/index.html>

**Digital version of curriculum workbooks: (if students lose their workbook or need the text enlarged)**

<https://im.kendallhunt.com/MS/students/3/index.html>

**Khan Academy lessons aligned to Illustrative Math curriculum. Helpful if students need/want more practice**

<https://www.khanacademy.org/math/8th-grade-illustrative-math>

**Basic Practice and videos:** [www.mangahigh.com](http://www.mangahigh.com), [www.quizizz.com](http://www.quizizz.com)

# 8th grade Mathematics

## Basic Systems and Procedures

### What if I need to throw something away or get a tissue?

- You can get up during partner or group work
- Do not get up during whole class discussion or instruction
- If you show that you can't walk around the room without bothering someone, you'll have to ask for permission.

### Bathroom/Water Breaks

- After 15 minutes from the bell or before 15 minutes until the end of class bell
- 4 passes per semester unless you have a written note from parent/guardian
- You must sign out when you leave and take your planner. Sign out sheets are on the front table
- Do not ask to go to the bathroom during whole class discussion or instruction

### Weekly Stamp Sheet

- You are given a stamp sheet that is taped into your notebook every week
- If you lose the stamp sheet it's your responsibility to show the work to Ms. Baty

#### "Behavior" Stamp

The reminders might be marked on the board OR were told to you verbally.

I will give you one reminder to ensure you know what to do, a second reminder means you don't get a stamp

- Arguing about the number of reminders = no stamp
- Being sent out of the room = no stamp
- Cursing, even once = no stamp (you are in a classroom, no one should have to remind you not to curse in this room)
- Having your phone out = no stamp

#### "Do Now" Stamp

- The Do Now must be completed before the timer goes off
- You can receive  $\frac{1}{2}$  credit for an incomplete Do Now
- If you're tardy and miss the Do Now, you need to complete it and show Ms. Baty

#### "Classwork" Stamp

- You will be told what needs to be completed to receive the classwork stamp.
- It could be for completion of an assignment, accuracy, explanation with sentences and/or participation in a game
- You can receive  $\frac{1}{2}$  credit for incomplete work or a zero

#### "Homework" Stamp

- Stamp = 100% complete "I know chart"

### Celebrations

- Classes can earn 1 points per day towards a Choice Time Day when they reach 100. Criteria for this point will change monthly. The first month is coming in quickly and starting the Do Now.
- CMS bucks given out for use at dances and the CMS store.

After reading the syllabus with your parent(s)/guardian(s), please sign and return by **Monday August 19th.**

I have read and understood the expectations and procedures for Ms. Baty's class.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Contact Information: Please let me know the best way to reach you**

Name: \_\_\_\_\_

Relationship to student: \_\_\_\_\_

What's the best way to reach you? Email - Phone(text) - Phone(call)

What time is the best time to reach you? \_\_\_\_\_

If you have contact information that isn't in Aeries, please write it here:

Name: \_\_\_\_\_

Relationship to student: \_\_\_\_\_

What's the best way to reach you? Email - Phone(text) - Phone(call)

What time is the best time to reach you? \_\_\_\_\_

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