



Aptitud Academy Syllabus

Teacher: Brooks

Grade: 7

Subject: Math

Samples Links:

Math: Links to CPM Ebook, CPM Homework Help, MobyMax, Khan Academy, Student Desmos Calculator.

<https://ebooks.cpm.org/?612688663731907626>

<https://homework.cpm.org/category/CC/textbook/cc2>

<https://mobycentral.mobymax.com/>

<https://www.khanacademy.org/coach/dashboard>

<https://student.desmos.com/>

Grading Policy: Below is the Back to School 7th Grade Presentation-It has a lot of important information regarding behavior and grading.

https://docs.google.com/presentation/d/19O53l7lY3Y6TKcykmOa-DMd7leJRKyt8F8my0OJWF84/edit#slide=id.g987971c3f5_0_1359

Paragraph of Intro

Seventh Grade Mathematics 2020/2021: We will be focusing on the following concepts and skills as can be found in the CPM Course 2 Textbook

- 1) Introduction to Probability
- 2) Fraction and Integer Addition
- 3) Arithmetic Properties
- 4) Proportions and Expressions
- 5) Probability and Solving Word Problems
- 6) Solving Inequalities
- 7) Proportions and Percents
- 8) Statistics and Angle Relationships
- 9) Circles and Volume

We will be using the Textbook as an anchoring/organizational structure for notes, vocabulary, examples and guided practice. We will be using CPM Homework Help as an asynchronous resource for work offline. This resource provides hints, examples, links, and answers.

We will be using MobyMax for guided practice, Fact Fluency, Test Prep/Review and off line (asynchronous assignments)

As an added resource Khan Academy will provide us with individualized, self paced lessons for review and enrichment.

Desmos Graphing Calculator (Student Programs): is an extension which will be accessed through CPM. It incorporates technology, graphing tools and simulations to allow students rich problem solving opportunities

SEL/Morning Meeting

Teacher meets synchronously with all students via video conferencing to kickstart day, allow for a sense of connectedness, and address SEL needs.



Large Group Instruction

Direct live instruction to whole class via video conferencing



Small Group Instruction

Teacher provides scheduled small group instruction to each students via video conferencing. Required for ELL



Asynchronous Learning

Teachers create assignments (with proper scaffolds - ie tutorial videos, etc.) to allow for student practice, check for student understanding and provide feedback



Attendance/ Parent Communication

Teachers should maintain contact with parents and respond to questions/concerns and be proactive about providing support to students/families who are not completing assignments/attending class*



Course Unit Themes & Outcomes

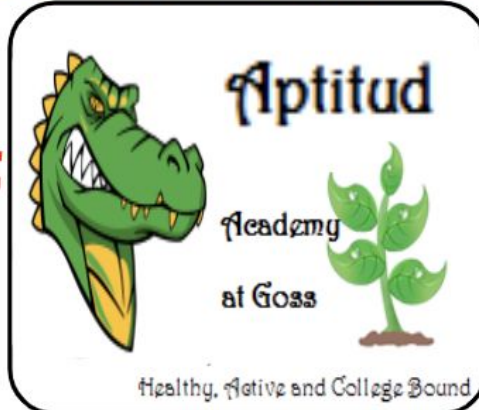
The aim of 7th grade math is to make sure a student has opportunities to make up missing skills and concepts from the previous years and become prepared for Algebra in the 8th grade. Many students who have been struggling with math and who have not mastered operations with fractions, or have not developed adequate number sense to solve problems intuitively, will be given many opportunities to get help, extra practice and repair fragmented understanding of concepts. Tutoring and individualized learning plans will be made available to all who require intervention. Drawing, Design, Research, and Projects will be incorporated in order to offer a high interest educational setting that focuses on real world applications. As an Example: Chapter 4 CPM deals with the use of proportions in constructing scale drawings. Students will have opportunities to design/build their own house using Desmos Graphing Calculator Lessons.

Classroom Expectations

APTITUD ACADEMY ONLINE

BEHAVIORS FOR SUCCESS!

**ATTENDANCE
COUNTS**



**GRADES
COUNT**

SHOW FACE BEGINNING TO END. RESPOND TO MIC. BE RESPECTFUL.
USE APPROPRIATE DEVICE. USE REAL NAME. ENGAGE THE LEARNING.
**HAVE A CLEAR BACKGROUND. USE ACADEMIC LANGUAGE. PRIVATE
MESSAGE TEACHER WITH ANY ISSUES. BE RESPONSIBLE.**
SPEAK UP IF YOU SEE SOMETHING HURTFUL OCCURING.

Required and Recommended Materials

Required

1. Math CPM Textbook-Course 2
2. Math CPM Toolkit (Notebook)
3. Lined paper, graph paper,
4. Pencils, pens, rulers
5. Phone or calculator

Recommended

1. Art supplies (glue, scissors, markers)

Grading Policy and Key Assignments/Projects

(weights, calculations, points for types of assignments: asynch, quizzes, presentations, projects, papers)

Grading will be based on
1) **Participation** (present, camera/mic on, responding to teacher direction),

2) **Engagement** (the quality and quantity of participation-BreakoutRoom Discussions)

3) **Completion:** amount of time spent on learning platforms (240 minutes of learning a day), how many assignments have been completed.

4) **Assessment** a) % correct on assignments. b) % increase in grade level scores, c) % correct on benchmark, quiz, test or project.

Points are earned for regular participation, engagement, completion are awarded in increments of 1 point per assignment. All work is due on the day indicated, no later than Friday of that week. Assessment points are earned in increments of 5 or 10 points.

Students unable to complete assignments will attend ELT at 2:15-3:30 with City Year M-Th, and Friday Advisory with Brooks until all work is completed.

Absences-for every day absent a student will be given two days to make up work. They are required to attend Friday advisory to make up synchronous work.

Grading Scale:

A+ 97-100% B+ 86-88% C+ 74-77 D+ 62-65 % F <53

A 93-96% B 82-85 % C 70-73 D 58-62 %

A- 89-92 % B- 78-81 % C- 66-69 D- 53-57 %

Extra Credit

1 Point Extra Credit will be earned for every tutoring session attended. Extra Credit will also be earned at the rate of 1 point for every extra assignment or hour spent on self paced lessons.

Late Work, Partial Credit.

Better Late than Never...As long as the assignment is within the grading period it will be accepted and credit will be earned. Students must be in continuous contact with teachers in order to receive help and credit..

GRADES-HOW DO I CHECK MY CHILD'S GRADES?

CALIFICACIONES: ¿CÓMO VERIFICAR LAS CALIFICACIONES DE MI HIJO/HIJA?

https://docs.google.com/document/d/1yKI9irdM-DP_4mb5eDc0B0wx5vLeg8999YcGKkv6P7Q/edit

Important Dates

Friday is the most important Day of the Week! - Individualized teaching, enrichment, review, and tutoring 9:20-12:30. All assignments otherwise as noted are due Friday 11:30. Minimum Days- Winter 01/15 to 01/19 Spring 03/29 to 03/30 June 06/04,07,08.
Check Parent Square regularly and make sure your student attends all testing dates...

Office Hours/ Contact Info & Communication

Google Classroom Codes: **Math** 2yejn4K **Science** lwlqr5w **Debate** 4rww23j -In addition to Parent Lesson Plans, all assignments are posted on Google Classroom.. Check individual platforms for details (Moby Max, Khan, Stemscopes)
Google Voice- 408-759-4042 District E-Mail martin.brooks@arUSD.org