



to Ms. Sangha's Class
Room 18

CC MATH

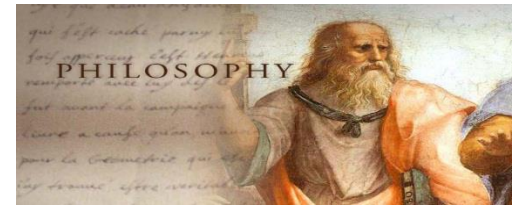
7/8

INTRODUCTION



- ▶ Kamaljit Kaur Sangha
- ▶ *28th year teaching at Price Middle*
- ▶ Teaching experience in math 6, math 7, algebra, geometry, and support classes
- ▶ *Married with 2 children* – son is Senior at UC Santa Barbara, daughter freshman at SFSU

Philosophy



- ▶ *Children learn from mistakes therefore need opportunities to correct mistakes.*
- ▶ “Things happen” in life
- ▶ *Open communication between home & school*
- ▶ Middle school students are young and still need guidance but also need to take more responsibility than younger grades.
- ▶ *High expectations & safety nets*



- ▶ Individually wrapped candy
- ▶ *Colored copy paper*
- ▶ Tissues ***
- ▶ *Large Paper Clips*
- ▶ Glitter glue
- ▶ *Wipes*

Homework – Problem solving

- ▶ Many homework questions are going to be problem solving questions. Students need to use the tools they have from the past and try to come up with the best answers. This is how their brain develops – when students struggle to solve the problem.
- ▶ *I expect them to have an answer – it may be incorrect. That is ok – they will develop problem solving skills this way.*
- ▶ In class we will discuss the different strategies and the answers. Then I will expect them to complete it with accuracy.

Homework– skill development

- ▶ In this case the homework questions will also have self-check answers.
- ▶ This is where the students are expected to come see me or get help if they are getting the incorrect answers.



Class Expectations

- ▶ **Best Effort** – participation, homework
- ▶ Many homework questions will be problem solving questions – students need to try
- ▶ *Accelerated classes need to maintain 80% or above average*
- ▶ Chances are given to all retake tests and redo major assignments
- ▶ *Get help right away*
- ▶ Make-up work in timely manner



Communication

- ▶ Open communication between parent and teacher helps child reach potential.
- ▶ *sanghak@cambriansd.com*
- ▶ 408-377-2532
- ▶ ***Write a note and send with child***
- ▶ Available for assistance most days after school except Wednesdays (Teacher meetings).



(CC Math 7/8)

- Grade 7 Common Core standards and most of Grade 8 Common Core standards.
 - *Preparing the students for first year high school math.*
- Two benchmarks are given to test the standards and Final
- The Benchmarks & final are Performance Tasks (common core standards)
- Two projects/POM per quarter (10% each)
- Focus is on making connections between the math concepts introduced.



Next Year's Placement

- CC Integrated Math 1 (first year high school math)
- *Students need to maintain a “B” average, do well on Performance task tests and do well (80% or above) on final at the end of the year.*



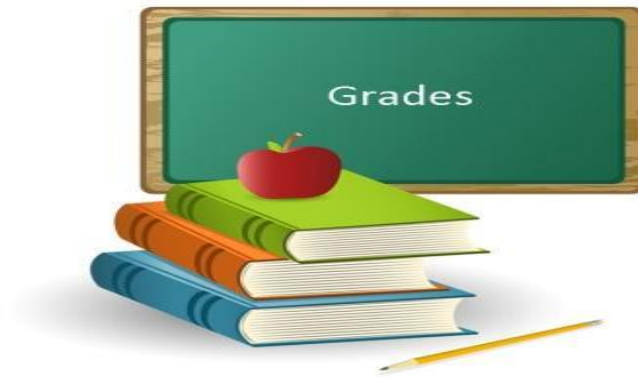
Price Middle School Mathematics Course Pathways



	Grade 6	Grade 7	Grade 8	
Grade Level Pathway w/Supports	CC Math 6	CC Math 7 & ASD	CC Math 8 & ASD	
Grade Level Pathway	CC Math 6	CC Math 7	CC Math 8	
Grade Level Pathway w/Acceleration	CC Math 6	CC Math 7	CC Math 8	ASD IM1
Accelerated Pathway	CC Math 6	CC Math 7/8	CC Integrated Math 1	

*Along with grade level concept standards, students are to become experts in the 8 Mathematical Practices. The Standards for Mathematical Practices are the same 8 key strategies kindergarten through grade 12. These practices are interwoven in all math courses so that students can master them based on their grade level. Incorporating these practices well, is something that Price Middle School takes pride in.

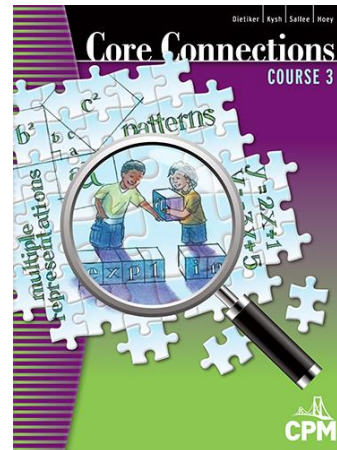
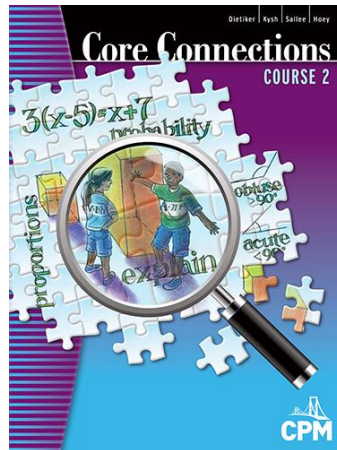
Grading



- ▶ Homework (10–15% of final grade)
- ▶ Tests (each test 10% of final grade)
- ▶ Class work (10% of final grade)
- ▶ Projects/Challenges (each about 10%)
- ▶ Notebooks (10% of final grade)
- ▶ Participation (about 10% of final grade)

Textbook

- ▶ We will mainly use Course 3 (grade 8 textbook) and use the Course 2 textbook to fill in grade 7 standards.
- ▶ **CPM is the textbook Campbell High School District is using for IM1.**



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Homework

- ▶ 10%– 15% of final grade– **daily due at the beginning of class**, project due by end of day.
- ▶ So students could get help, **in most cases** homework is not due the day after it is assigned (usually skip a day).
- ▶ *No credit is given if work or explanation of how the solution was derived is not given. A simple copying of question and answer gives zero credit.*
- ▶ Chances are given to correct homework in order to receive full credit (completed homework)

POWERSCHOOL



- ▶ <https://pwrsch.cambriansd.org/public>
- ▶ Grades are updated regularly
- ▶ **Future assignments are listed (see date)**
- ▶ If assignment is in blue, click on it to get more information.



- ▶ www.cambriansd.org/price/
- ▶ Does not have homework assignments (use powerschool)
- ▶ **Copy of some handouts**
- ▶ Has an extra credit
- ▶ **Wish List**
- ▶ Math Links

MATHEMATICAL PRACTICES

1.

Make sense
of problems &
persevere in
solving them

2.

Reason
abstractly &
quantitatively

3.

Construct viable
arguments &
critique the
reasoning of
others

4.

Model with
mathematics

5.

Use appropriate
tools strategically

6.

Attend to
precision

7.

Look for &
make use of
structure

8.

Look for &
express regularity
in repeated
reasoning

MATHEMATICAL PRACTICES

UNDERSTAND *and* **PERSEVERE**

MP1

I can make sense of problems and not give up when trying to solve them.

STRATEGICALLY *use* **TOOLS**

MP5

I can select and use the appropriate tools to help me solve problems.

LOGIC *and* **REASONING**

MP2

I can use words, numbers, logic and reasoning skills to help me solve problems.

ATTEND *to* **PRECISION**

MP6

I can review my calculations to see if they are correct.

JUSTIFY *and* **CRITIQUE**

MP3

I can justify my strategies and evaluate if the ideas of others make sense.

UTILIZE STRUCTURE

MP7

I can use the structure of a problem to help me find the answer.

MODEL *with* **MATHEMATICS**

MP4

I can clearly show my work using diagrams, words, symbols, and pictures.

UTILIZE PATTERNS

MP8

I can find and use mathematical patterns to help me solve a problem.

What Kind of Mindset Do You Have?



I can learn anything I want to.
When I'm frustrated, I persevere.
I want to challenge myself.
When I fail, I learn.
Tell me I try hard.
If you succeed, I'm inspired.
My effort and attitude determine everything.



I'm either good at it, or I'm not.
When I'm frustrated, I give up.
I don't like to be challenged.
When I fail, I'm no good.
Tell me I'm smart.
If you succeed, I feel threatened.
My abilities determine everything.

Other Websites

GROWTH MINDSET



- ▶ Ted talk:

www.youtube.com/watch?v=pN34FNbOKXc

- ▶ Jo Boaler

<https://www.youcubed.org/resource/mindset-boosting-videos/>

(select the student tab to watch video)

CAASPP

- ▶ Questions

https://login4.cloud1.tds.airast.org/student/V194/Pages/LoginShell.aspx?c=SBAC_PT

(sign in as guest)



Questions?
Comments

THANK YOU FOR COMING