

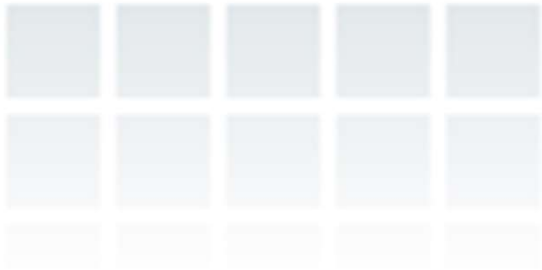
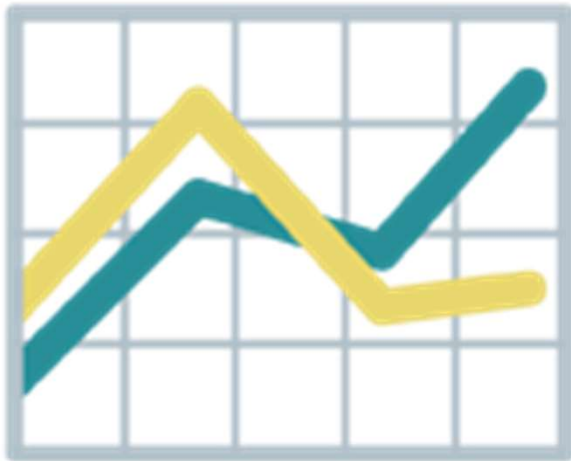
Welcome to Canyon Hills Junior High School



From Mrs. Iacopetti

Math 8 focuses on:

- formulating and reasoning about expressions, equations, and systems of linear equations
- grasping the concept of a function
- analyzing two- and three-dimensional figures using similarity and the Pythagorean Theorem.

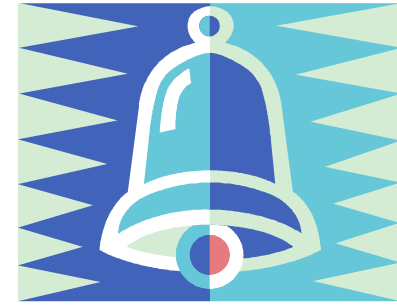


Big Ideas Math Textbook Series:

- ❖ Based on philosophy of ‘Learning By Doing’
 - ❖ Emphasizes discussion of different strategies...leading to algebraic thought... which helps students become critical thinkers
- ❖ Focuses on **WHY** the math happens, in addition to **HOW** it happens

Class Expectations:

- Enter quietly
- Copy agenda before the bell
- Be ready to work AT the bell
- **Have Math section in 3-ring binder to keep all of the current chapter's work in**
- Be respectful of everyone in the class, participating in group and class discussions
- Have a positive attitude and a sense of humor!!!
- Have fun!!!



A typical day in Math 8 class:



- **Ask questions, look for patterns, and discover concepts** (individually and as a group and class member)
- **Take notes** as we discover concepts (these are to be referred to **often** as the student is doing the homework)
- Guided practice during note-taking time
- Correct previous homework
- Begin day's homework

Keys to success IN CLASS:

- Bring completely attempted homework
(By honestly attempting ALL problems, with problem and work shown, students will earn full credit)



- Bring paper, pencils, colored pens/pencils
- In later chapters, students will want to bring a scientific calculator (such as a TI-34)
- Copy daily agenda EXACTLY
- Have a great attitude, and a willingness to ask questions and collaborate with others

Great Notes:

- Use several colors
(this helps our brains!)
- Are neatly written
- Are turned in on test day for points
- Are saved at home to refer to when necessary



Keys to success AT HOME:

- Reread class notes, studying examples
- Try all problems on homework
- Go to www.BigIdeasmath.com for helpful practice quizzes, video tutorials, etc. 😊 😊
- Other websites: The Paper App (ClassLink)
 - » www.ixl.com (10 free ?s a day),
 - www.khanacademy.com,
 - www.algebrahelp.com,
 - www.mathisfun.com

Good homework has:

1. Proper heading:

Name

Date

Per.

2. Page and Problems

written on the 1st line

3. NEAT writing, in pencil

4. All steps shown,

as Mrs. Iacopetti

demonstrated in notes



Good example of an algebraic problem (from Chapter 1) :
Solve the equation for the unknown, x:

$$\begin{array}{r} 8x = x + 14 \\ -x \quad -x \\ \hline 7x = 14 \\ \underline{7} \quad \underline{7} \\ x = 2 \end{array}$$

This is called 'showing all steps!!!'

If this had started out as a real-world problem, the answer would be explained in words.

Not showing work...

means **NO CREDIT!**

This paper shows
NO WORK.

(Either problem
and answer,
or just answer.)

1. $8x = x + 14$

$x = 2$

2. $5x = 3x + 20$

$x = 10$

3. $3(x + 2) = 6(x + 3)$

$x = -4$

4. $x = 7$

5. 42

etc., etc.

REMINDERS:



- No-name work =
LOWERED grade

(That is, if the owner and paper are reunited when papers are returned to students.)

Absences

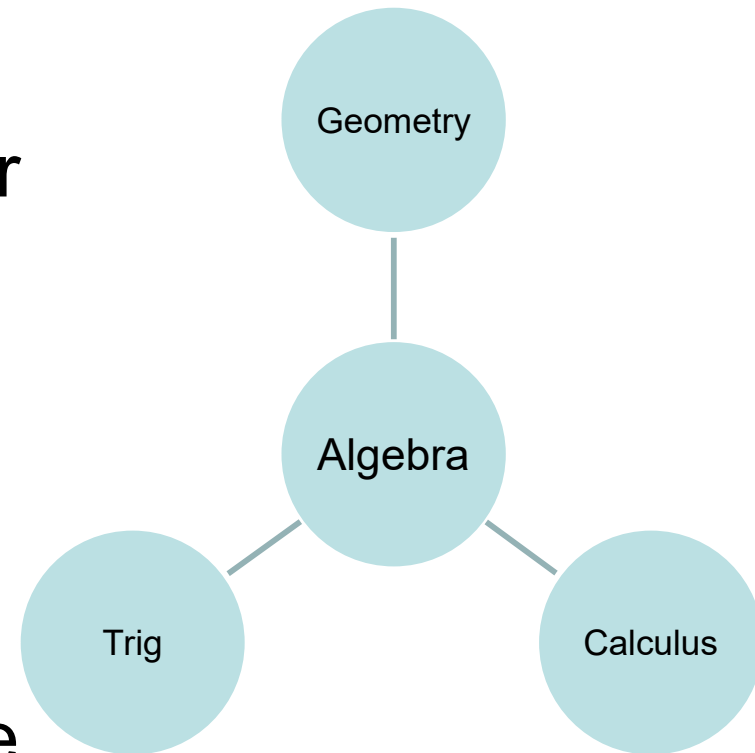


1. Students are responsible for getting missed work (Long-term agenda on the side wall)
2. If student missed a test, they need to take it after school by appointment
3. Get work done ASAP

Pacing

The major focus of Math 8 is **linear algebra**. This is the **foundation** for ALL higher mathematics!

The **National Common Core Math framework** insists that students understand the concepts (**WHY** does this work?), follow the procedures (**HOW** do we do these problems?), and can apply the skills (**WHEN** do we need this?) These are SO important and helpful in higher math classes!!!



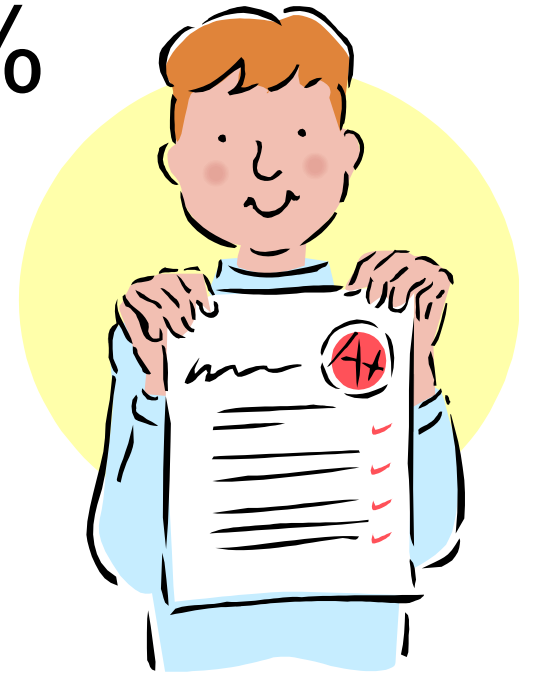
GRADING for Math 8

1. Quizzes/Tests.....65%

2. Classwork/Homework/

Notes.....35%

TOTAL.....100%



Where can your student get help?

1. Ask questions during class!! 😊
2. Come get after-school help from me. The week's schedule is written on my side board.
3. www.bigideasmath.com.
4. Tha Paper App (on students' ClassLink)
5. www.ixl.com, etc.
6. Quiz around the middle of every chapter.
7. Chapter Review and Test at the end of each chapter.

Online Grades

- Check these regularly. They are updated weekly.
- Recommendation: Keep up with what's going on **daily** in your child's agenda, because when you see the grades online, the assignments are old news. Of course, missed tests/quizzes and extended absences are given a longer make-up period.

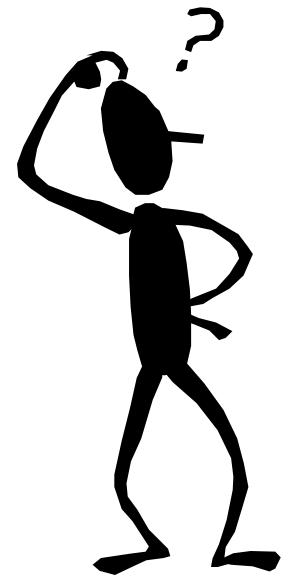


What will your student's math class be next year?

After completing Math 8, your student will be ready for **Integrated Math 1, 2, and 3** at the high school level. These contain all of the national math standards for **Algebra 1, 2,** and **Geometry**, but mixed in more of a global model. Then your student can take **Trigonometry/ Precalculus**.

If he/she wants Calculus in High School, he/she will need to take one class in Summer School OR jump to the honors track - Integrated Math 2.

Questions?



Feel free to email me:

laura_iacopetti@chino.k12.ca.us

Or call the school:

(909) 464-9938 x7224

Or write a note in your child's agenda,
and have them point it out to me.

I'm looking forward
to a great year!

