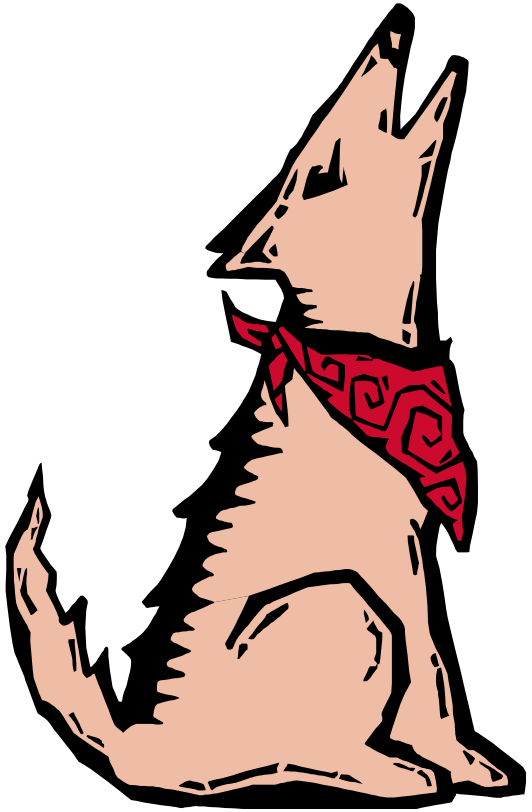
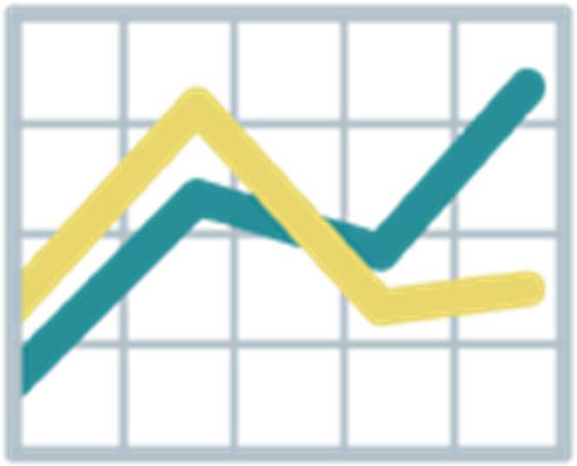
Welcome to Canyon Hills Junior High School



From Mrs. Iacopetti

Integrated Math 1 (high school class taught on jr high campus) focuses on:



- formulating and reasoning about equations, inequalities, and systems of both
- exploring sequences and how they relate to linear and exponential functions

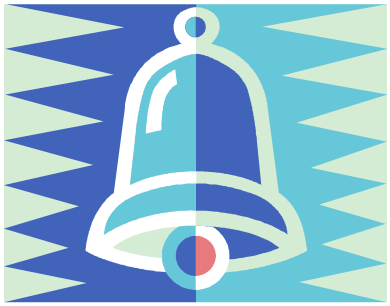
McGraw-Hill Textbook:

- Emphasizes discussion of different strategies which helps students become critical thinkers
- Focuses on WHY the math happens, in addition to HOW it happens
- **ONLINE RESOURCES at:**

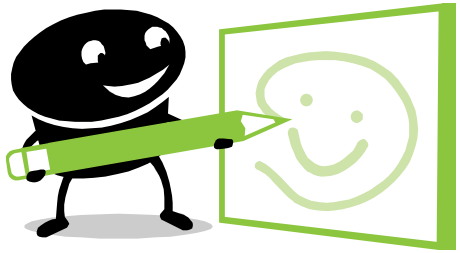
www.connected.mcgraw-hill.com

(found on your student's Classlink desktop)

Class Expectations:



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



A typical day in our Integrated Math 1 class:

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

Keys to success **IN CLASS**:

- Bring completely attempted homework
  (By honestly attempting ALL problems, WITH WORK SHOWN, students will earn full credit)

- Bring paper, pencils, colored pens/pencils, calculator (scientific calculator is recommended, such as TI-34 or 36)
- 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 after 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.connected.mcgraw-hill.com for the e-book and **interactive, SELF-CHECK QUIZZES**, how-to videos, etc. ☺ ☺
- Additional website help:

  The Paper App on students' ClassLink,

  www.ixl.com (10 free questions a day),

  www.algebrahelp.com,

  www.khanacademy.org,

  youTube videos, etc.

Good homework has:

1. Proper heading:
   - Name
   - Date
   - Per.
2. Page and Problems written on the 1st line
3. NEAT writing, in pencil
4. <u>All steps shown,</u>

   <u>as Mrs. Iacopetti demonstrated in the notes</u>

Good example of an algebraic problem:

Solve the equation for the unknown, x:

$$8x = x + 14$$

$$-x \qquad -x$$

$$\frac{7x}{7} = \frac{14}{7}$$

$$x = 2$$

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.)

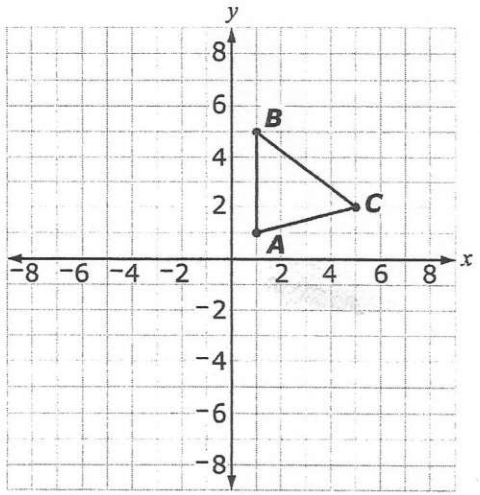
1. $8x = x + 14$
   $x = 2$
2. $5x = 3x + 20$
   $x = 10$
3. $3(x + 2) = 6(x + 3)$
   $x = -4$
4. $x = 7$
5. 42

   etc., etc.

Sample of a Common Core Smarter Balanced Test Question:

Smarter Balanced Assessment Consortium

Triangle *ABC* is shown on this coordinate grid.



Triangle *ABC* is dilated with the origin as the center of the dilation. Which ordered pair could represent the image of point *C* (5, 2) after the dilation?

Ⓐ (2.5, 1)

Ⓑ (5, −2)

Ⓒ (7.5, 4.5)

Ⓓ (−1, −4)

Another sample test question (in which there is more than one correct answer that must be selected…A, C, and D):

Select **all** of the expressions that have a value between 0 and 1.

(A) $8^{7} \cdot 8^{-12}$

(B) $\frac{7^{4}}{7^{-3}}$

(C) $\left(\frac{1}{3}\right)^{2} \cdot \left(\frac{1}{3}\right)^{9}$

(D) $\frac{(-5)^{6}}{(-5)^{10}}$

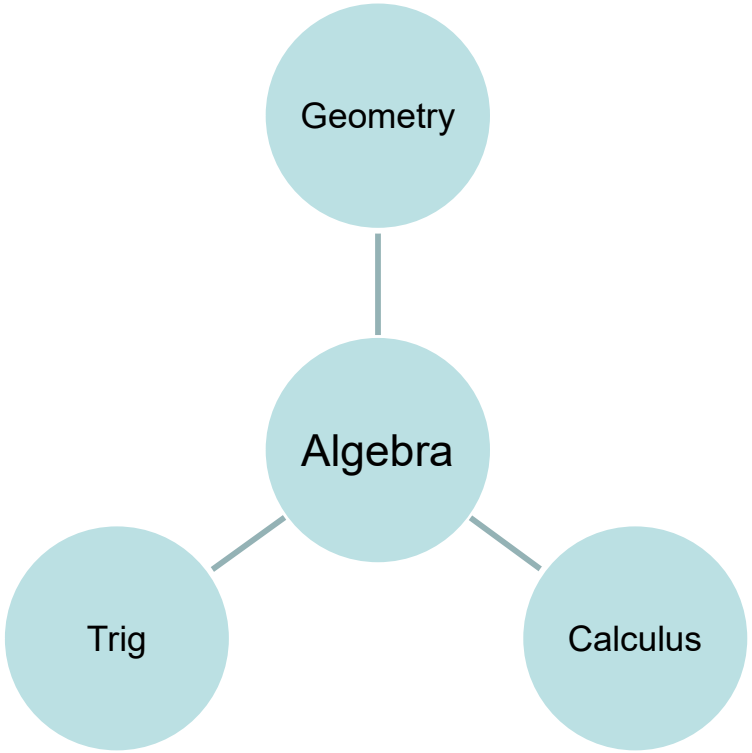
Absences

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

Integrated Math 1 picks up where Accelerated Math 7 left off, continuing to meld Algebra and Geometry concepts.

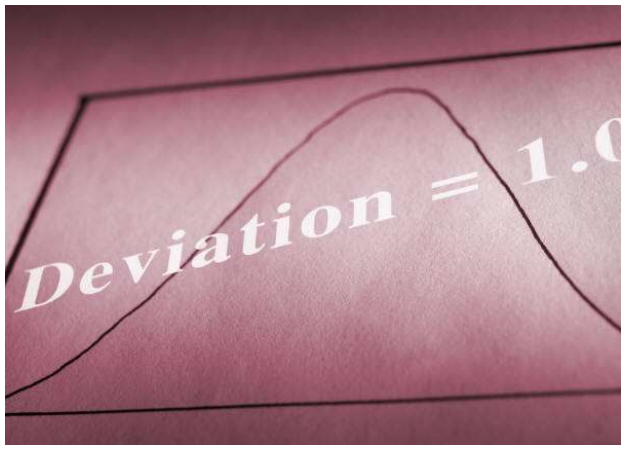
The National Common Core Math framework insists that students understand the concepts (WHY does this work?), follow the procedures (HOW do we do these problems?), and can apply the skills (WHEN do we need this?) These are SO important and helpful in higher math classes!!!



What math levels will your student be able to reach in high school?

After successfully completing this course:

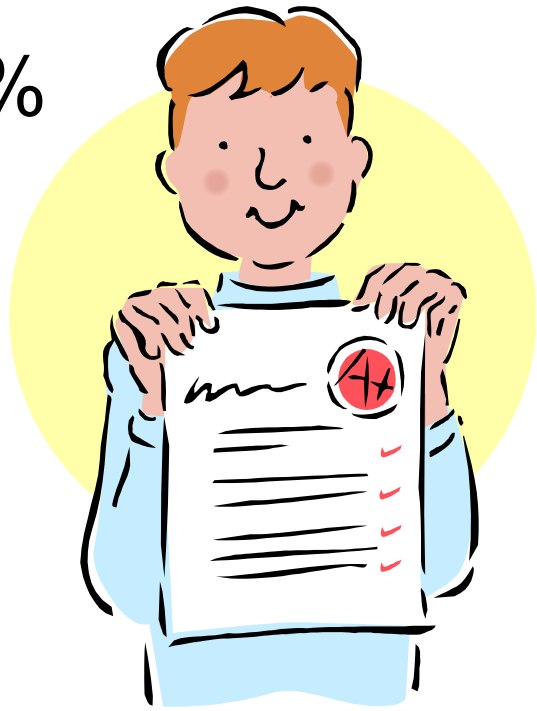
- Frosh: Integrated Math 2 Honors
- Soph: Integrated Math 3/ PreCalc Honors
- Junior: AP Calculus AB (1st year)
- Senior: AP Calculus BC (2nd year) OR AP Statistics



GRADING for Integrated Math 1

1. Quizzes/Tests……70%
2. Classwork/Homework/Notes…30%

TOTAL……100%



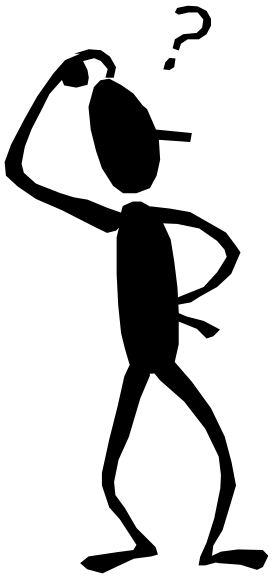
Where can your student get help?

1. Ask questions during class!! ☺
2. Come get after-school help from me. Days and times are written on my side board.
3. www.connected.mcgraw-hill.com.
4. The Paper App on Students' ClassLink
5. www.ixl.com and other websites, as long as their focus is on understanding HOW to do the problem and WHY it works, and not just copy.
6. Quiz around the middle of every chapter.
7. Chapter Review and Test at 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.

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!