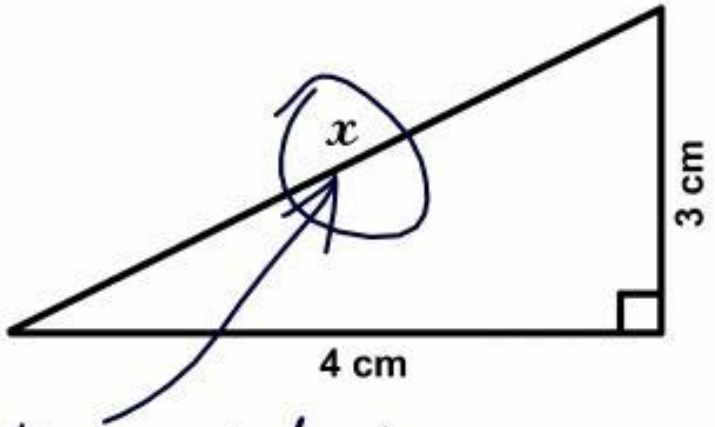
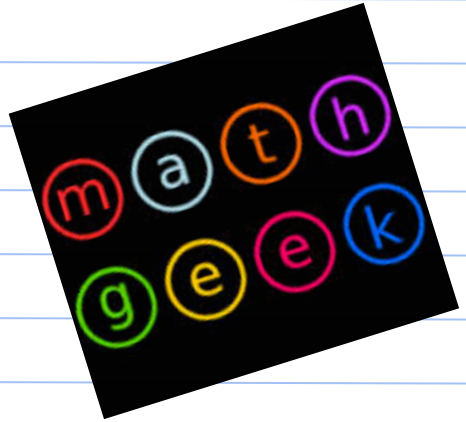
3. Find x.

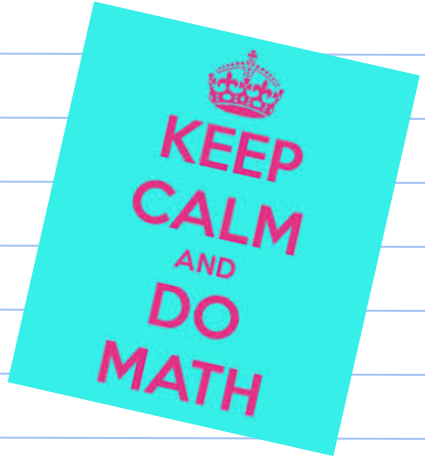


Here it is

Ocular Trauma - by Wade Clarke ©2005

7TH GRADE MATH AT WDJH





- 7th grade math teacher at WDJH
- Parent in WD7 and Fenton 100
- Grew up in Bensenville
- Attended Blackhawk Middle School
- Graduated from Fenton High School

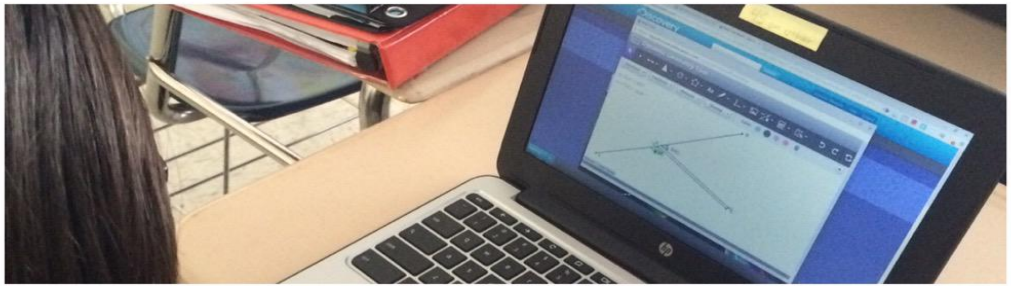
You can help your child be successful in math and school in general, regardless of:

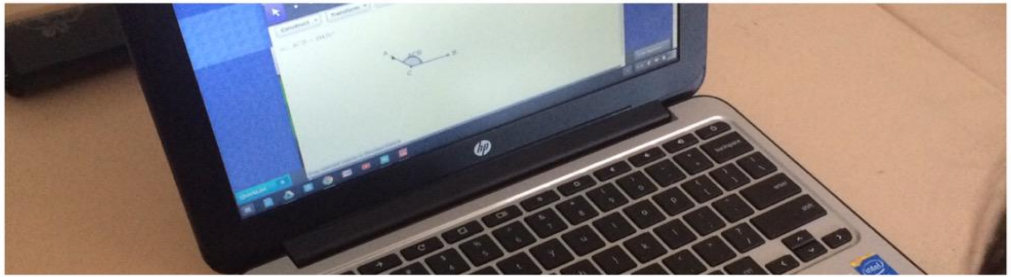
- your own math experience
- your own school experience
- your cultural background
- your language
- your fear of the common core.

TODAY MATH IS:

- taught
- learned
- understood
- assessed

differently than it ever has been before.





TODAY'S MATH CLASSROOMS:

- use technology
- use manipulatives
- are differentiated
- encourage collaboration
- incorporate writing
- introduce vocabulary
- *facilitated* by teachers

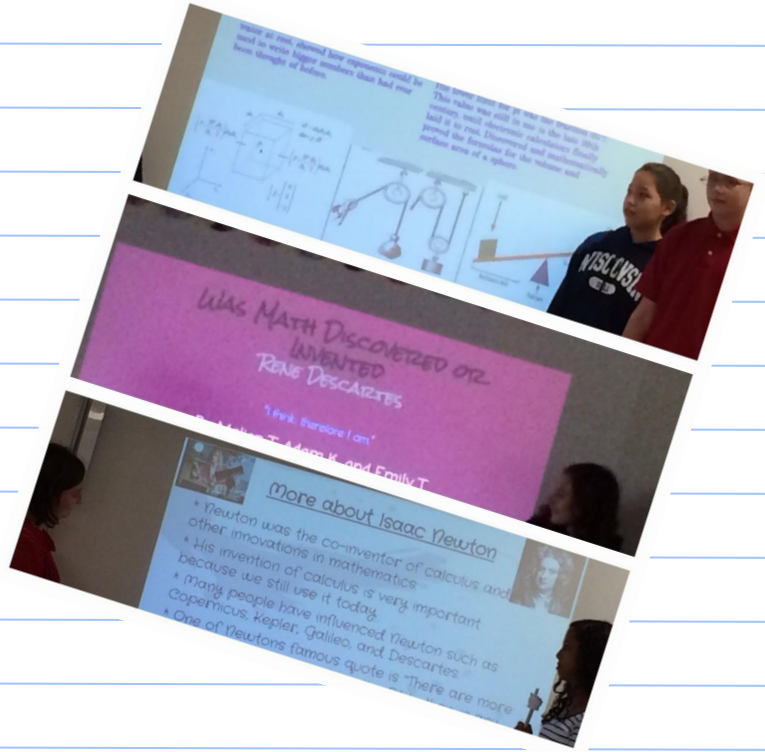
CLUE 3

CLUE 5

CLUE 6

We are preparing students to be

- 21st century learners
- college ready
- career ready.



TECHNOLOGY IN THE MATH CLASSROOM:

- Chromebooks
- Used as a tool
- Interactive websites
- FLIP the classroom (videos)
- Create graphs
- Write or journal
- Find real world examples
- Document work
- But yes, we still use paper and pencil!

EXPECTATIONS OF STUDENTS:

1. Try your best. If you are not challenged, you aren't learning.
2. Ask questions.
3. Use class time efficiently.
4. Problem solve methods to help yourself.
5. Make connections to your life.
6. Practice improves performance so complete homework when assigned.
7. Come prepared and ready to learn.

WHAT CAN YOU DO?

1. Emphasize the importance of math. Studies show students with strong math backgrounds have more career options.
2. *Regardless of your math experience,* encourage your child to persevere, work hard and ask for help.
3. Ask what was *learned* in class, not what was *done* in class. Volunteer to help in their class to see their day of learning up close.

WHAT CAN YOU DO?

- 4. Show your child how you use math and how it makes your life easier. If they know math can make life easier, they are more eager to learn.
- 5. Remind your child to charge their chromebook, come to class prepared and be ready to LEARN!
- 6. Work with your child to problem solve solutions when they are stuck.

WEBSITES:

- khanacademy.org or es.khanacademy.org
- brainpop.com or esp.brainpop.com
- ixl.com
- mathisfun.com
- hoodamath.com
- teacher.scholastic.com/maven/
- math-drills.com
- softschools.com/math
- illuminations.nctm.org

en espanol!

WEBSITES:

- mathtv.com
- math-play.com
- mathgoodies.com
- math-aids.com
- aaamath.com
- mrnussbaum.com/mathcode/
- mathfactcafe.com
- jmathpage.com
- mathmovesu.com/#/home

WEBSITES:

- math10.com
- mathwarehouse.com
- freemathhelp.com/index.html
- mathway.com
- learningwave.com/abmath/
- mathslice.com
- mathispower4u.yolasite.com/
- learnalberta.ca/content/me51/html/math5.html

IF YOUR CHILD NEEDS HELP AT WDJH:

- Homework Club
- Choices
- Panther Time (Advisory)
- Meet with teacher before/after school
- Meet with teacher during lunch

8 COMMON CORE MATH PRACTICES

- The 8 CCMP's help prepare students not only for achievement in math, but in my opinion, *any* area of study. They prepare them with the skills needed to be successful in college, career and life. This is a standard assessed on the WDSD7 report card, grades K through 8. The 8 practices are:

8 COMMON CORE MATH PRACTICES

1. Make sense of problems and persevere in solving them. Make sense of the problem and keep at it!

2. Reason abstractly and quantitatively. Look for a relationship between words, symbols or numbers.

3. Construct viable arguments and critique the reasoning of others. Discuss, explain your thinking, justify your answer and accept other methods.

8 COMMON CORE MATH PRACTICES

4.Model with mathematics.

Be curious. Revise, reflect and make connections to your life.

5.Use appropriate tools strategically.

Use appropriate tools (rulers, calculators, formulas...).

6.Attend to precision.

Be precise (label, define, round...).

8 COMMON CORE MATH PRACTICES

7. Look for and make use of structure.
Look for a pattern or formula.

8. Look for and express regularity in repeated reasoning.
Check that your reasoning makes sense.

- To see all the great things our 7th graders are doing in math:

  @jhroom104

- To contact me with questions or concerns:

  ksubach@wdsd7.org