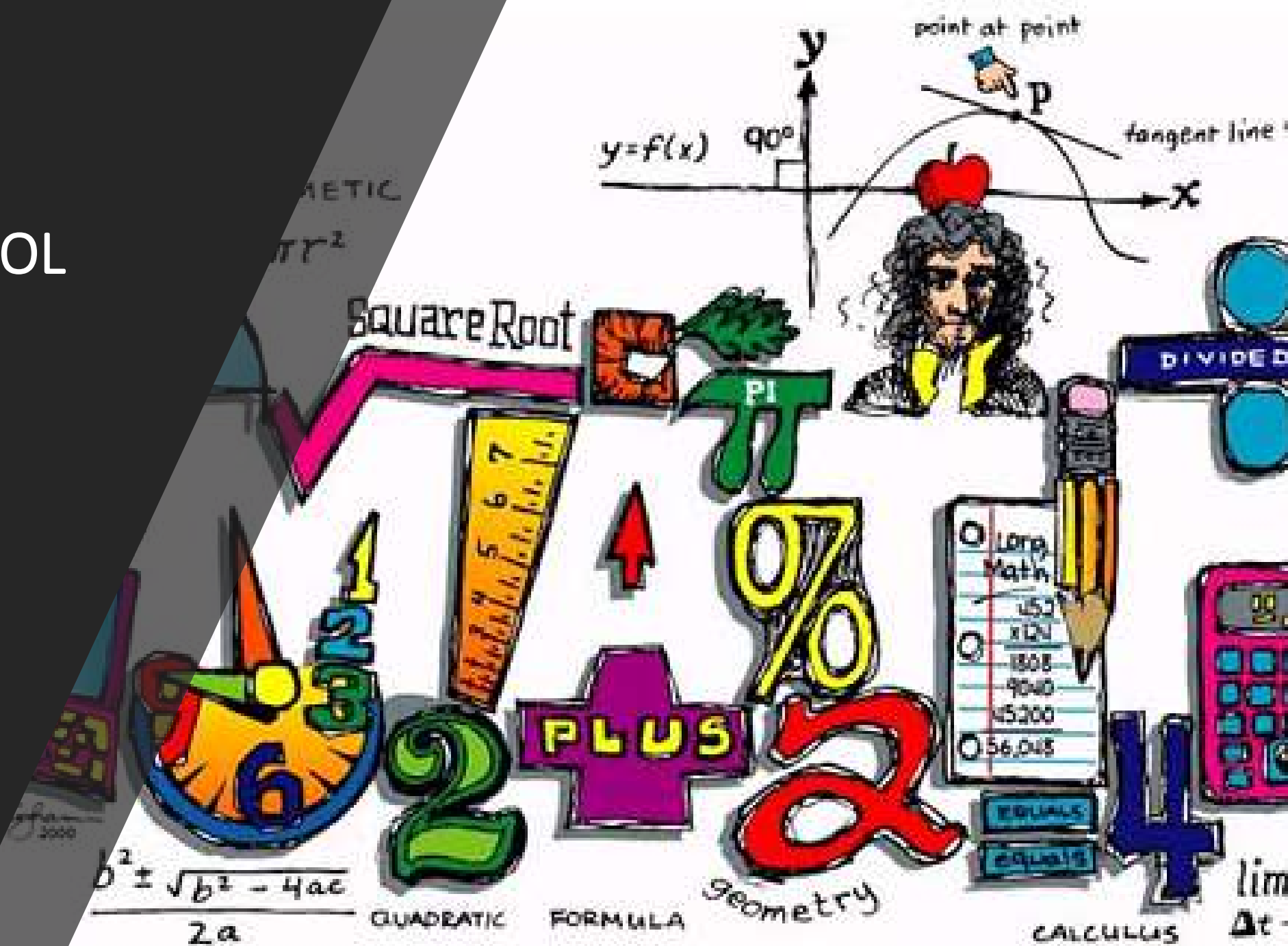


Parent Meeting  
For  
Rising 8<sup>th</sup> Grade Students

# Math I

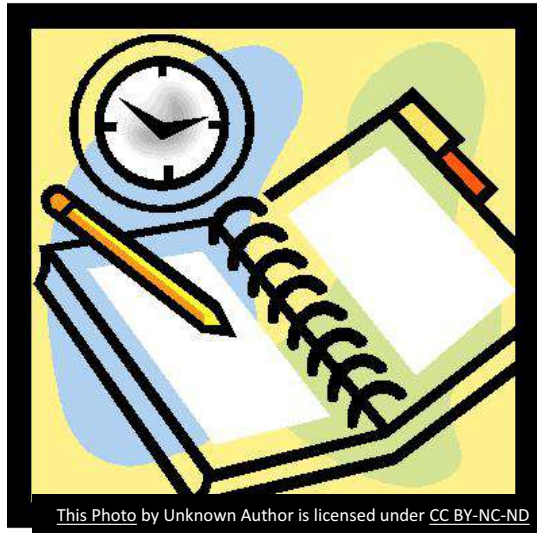
A HIGH SCHOOL COURSE !!!





# REQUIREMENTS:

- Student needs to currently be in Accelerated Math in the 7<sup>th</sup> Grade (equivalent to Pre-Algebra)
- Have scored a level III, IV, or V on most current EOG.
- A student with a math test score of level I or II will NOT be permitted to take Math I in the 8<sup>th</sup> Grade.
- A new law took place for the 2018-2019 school year stating that a student who scored a level V in Regular Math will be offered the opportunity to go to Math I.



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# Math I Expectations:

## Need to be organized:

- Keep up with notebook (there is no issued textbook)
- Keep up with assignments and due dates

## Attend class regularly

## Well developed ability to think abstractly

## Self Advocacy – MATURITY

- Recognize when they need to come to tutoring
- Asking for missing work when absent
- Checking their grades regularly
- Parents don't do the work

## Self-Driven...

- Student comes into class and gets started on the tasks for the day





## Students who do well in Math I in the 8<sup>th</sup> Grade....

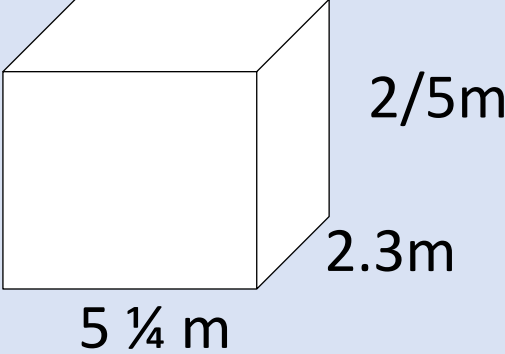
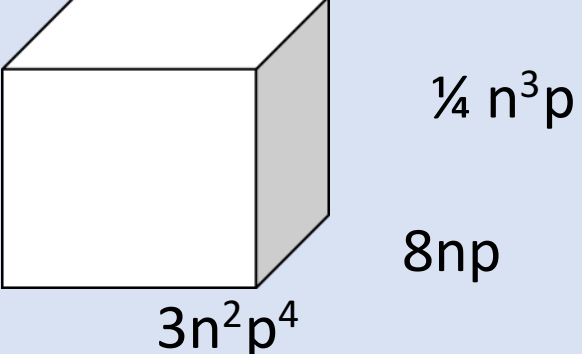
- 1. Show confidence and attend school regularly.**
- 2. Show mastery of skills in accelerated math on a continual basis and have....**
  - Strong basic skills, particularly in fractions
  - A firm grasp of math vocabulary
  - Strong skills in solving multi-step equations and functions
  - A comfortable approach to word problems
- 3. Complete assignments.**
- 4. Ask questions for clarification on topics they don't understand.**

## ATTENDANCE:

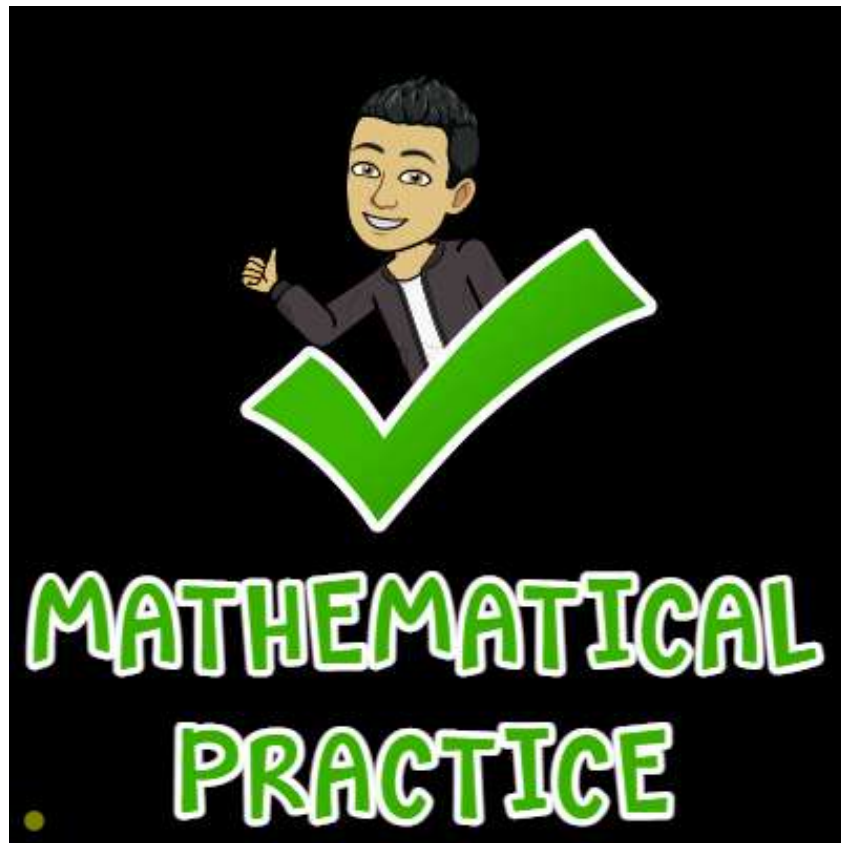
- Students are expected to be present!!!
- Because this is a high school course, if a student misses more than 10 days, by law, they will have to make up time missed by attending afterschool Math Academy
- All absences count: EXCUSED or UNEXCUSED!!!
- For every day absent after 10 days, the student will receive 1 hour of Math Academy to make up for the time missed.



## Comparison of Similar Topics:

Accelerated 7 <sup>th</sup> Grade Skill	Math I Skill
<p data-bbox="107 345 591 396"><u>Volume of a cube:</u></p>  <p data-bbox="580 428 1082 778">A 3D drawing of a cube. The front edge is labeled <math>5 \frac{1}{4} m</math>, the right edge is labeled <math>2.3m</math>, and the depth edge is labeled <math>\frac{2}{5}m</math>.</p>	<p data-bbox="1304 345 1788 396"><u>Volume of a cube:</u></p>  <p data-bbox="1778 428 2356 778">A 3D drawing of a cube. The front edge is labeled <math>3n^2p^4</math>, the right edge is labeled <math>8np</math>, and the depth edge is labeled <math>\frac{1}{4} n^3p</math>.</p>
<p data-bbox="107 819 642 871"><u>Function/ Equation:</u></p> $8w + 2 = 6w + 12$	<p data-bbox="1304 819 1839 871"><u>Function/ Equation:</u></p> $f(w) = w^2 + 10w + 25$
<p data-bbox="107 1071 428 1122"><u>Vocabulary:</u></p> <p data-bbox="107 1219 1090 1350">What is the value of x in the following equation?</p>	<p data-bbox="1304 1071 1630 1122"><u>Vocabulary:</u></p> <p data-bbox="1304 1219 2476 1350">What is the solution set of the function if the domain is 0-10 and the range is 0-10?</p>





## *Standards for Mathematical Practice*

Students will:

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

# Mathematical Practice

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• Domain Percent for Math I EOC

- Number & Quantity and Algebra 36 – 40 %
- Functions 32 – 36 %
- Geometry 8 – 12%  
(mostly on coordinate plane)
- Statistics and Probability 18 – 20 %

To Receive High School Credit for Math I:

Make a C or better for the final grade for the course

Must be proficient, not just passing, the EOC (End-of-Course)

The final EOC, which is the same exam as the high school, counts as 25% of their final grade

# WSFCS Graduation Requirements for Class of 2025:

Grade 9	Grade 10	Grade 11	Grade 12
Foundations of NC Math/ Math I	Foundations of Math 2/ Math II	Foundations of NC Math 2/ Math III	NC Math 4
Math I	Math II	Math III	NC Math 4 Pre-Calculus Discrete Mathematics for Computer Science
Math II	Math III	Pre-Calculus	AP Calculus/ AP Statistics
Math III	Pre-Calculus	AP Calculus	AP Statistics

- **4 units**
- (NC Math I, II, III, and one additional credit based on post-secondary plans)
- Eligible courses include NC Math 4 and Discrete Math for Computer Science

# THINK ABOUT THE CHILD!!!

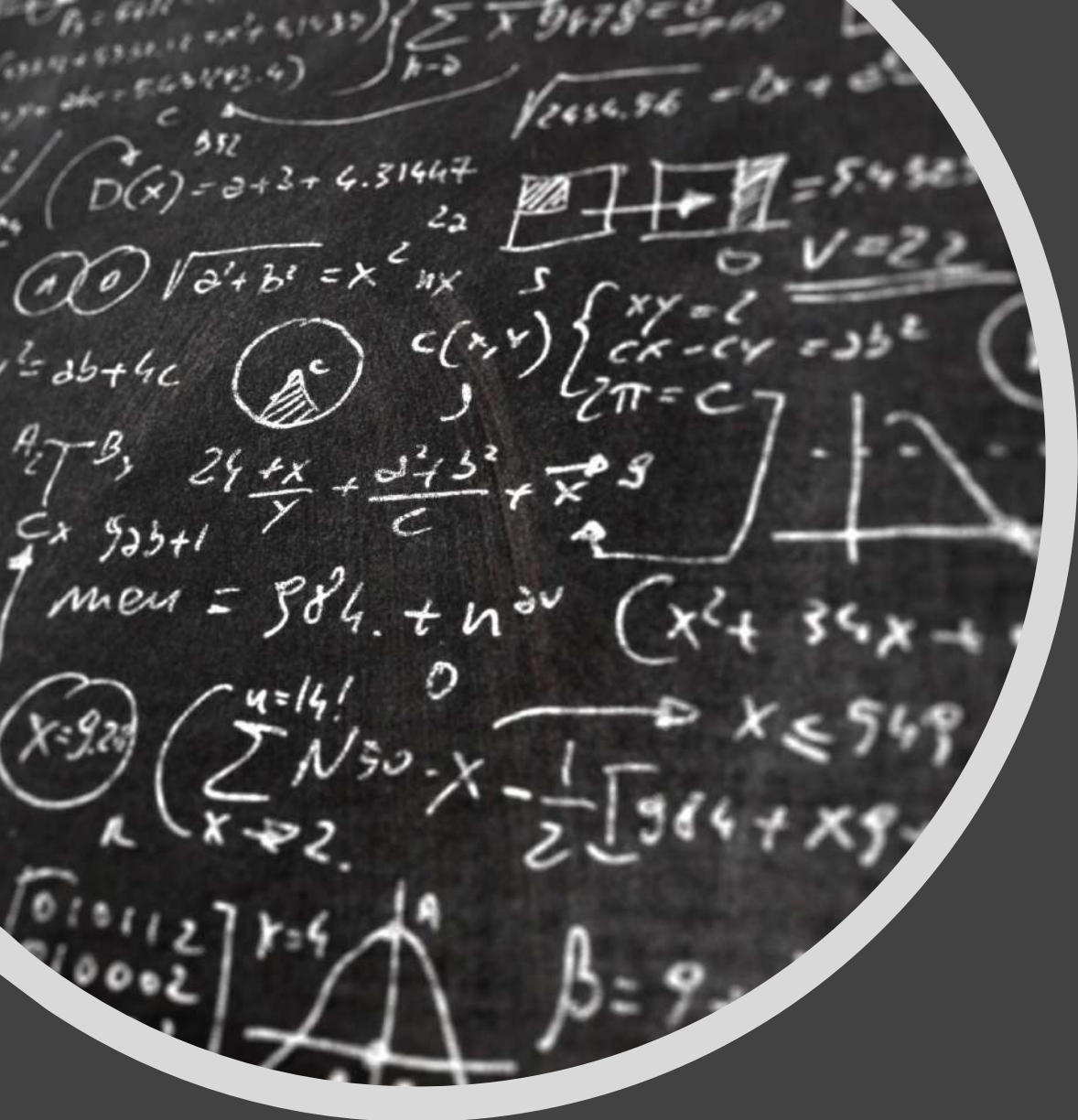
- A firm foundation in Math 8 with an A or B

OR

- Not mastering skills in Math I and shutting down

WHAT ARE THEY READY FOR???





## Questions about Math I

- Did we miss anything?





# World Languages Requirements

NOT NEEDED FOR HIGH  
SCHOOL GRADUATION

REQUIREMENT TO TAKE  
TWO YEARS FOR COLLEGE  
ENTRANCE (USUALLY TAKEN  
JUNIOR AND SENIOR YEAR)

MOST COMPETITIVE  
UNIVERSITIES REQUIRE 3-4  
YEARS

# Band and Orchestra

Take it in 8<sup>th</sup> grade if you want to take it in high school.

It will help you to be better prepared for the high school experience.

Remember, it is two elective periods.





# General Registration Questions

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Any other questions....

