

Annka-Hennepin District 11

Blaine High School

Home of the Bengals

Math Course Offerings

Why choose Math in High School?

More and More Jobs NEED people with strong math backgrounds

You will make more money!

• You will understand the world around you better!

Why choose Math in High School?

• You will be more prepared for college.

• Math looks good on your transcripts!

• Why pay for it in college when you can get it FREE in high school!

Math Requirements

- ALL students are required to have 3 credits in math.
- You MUST take: Algebra, Geometry, Statistics and Probability and one extra ½ credit of another math.
- College Bound students are encouraged to take as much math as possible!

Course Offerings

Your counselor or math teacher can show you a flow chart to help you decide what math classes to take during your high school career, if the next 3 slides are confusing for you...

High School Math Registration 2015-16

3 credits required:	Required math coursework Intermediate Algebra [1 credit]		
1 credit			
1 credit	Geometry [1 credit]		
1 credit	Advanced Algebra [1/2 credit] AND Statistics & Probability [1/2 credit] <u>Or</u> Advanced Algebra [1/2 credit] AND AP Statistics [1 credit]		

Currently: Grade 8	MS Algebra Block	MS Algebra	Intermediate Algebra [H]	Geometry [H]	Advanced Mathematics
Next year take	Intermediate Algebra *	Intermediate Algebra *	Geometry [H]	Advanced Algebra [H] AND Statistics & Probability or AP Statistics	Ask your Advanced Math teacher for the appropriate course

Currently: Grade 9	3-Tri Intermediate Algebra	Intermediate Algebra	Geometry [H]	Advanced Algebra [H] AND Statistics & Probability	Precalculus [H]	
Next year take	Geometry * Geometry * Geometry [H]		Advanced Algebra [H] AND Statistics & Probability or AP Statistics	Procedeulus [H]	AP Calculus AB **	

Currently: Grade 10	3-Tri Geometry or Geometry	Geometry [H]	Advanced Algebra AND Statistics & Probability	Advanced Algebra [H] AND Statistics & Probability <u>or</u> AP Statistics	Precalculus [H]	AP Calculus AB
Next year take	Advanced Algebra AND Statistics & Probability	Advanced Algebra [H] AND Statistics & Probability <u>or</u> AP Statistics	College Algebra through Modeling [CE] <u>or</u> College Algebra I [H] [CE]	Precalculus [H] <u>Or</u> AP Statistics	AP Calculus AB ** <u>Or</u> AP Statistics	AP Calculus BC <u>Or</u> AP Statistics

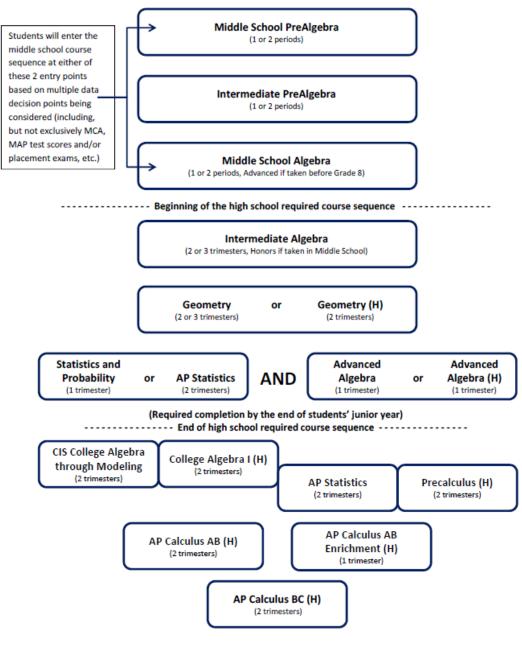
Currently: Grade 11	Advanced Algebra AND Statistics & Probability	Advanced Algebra [H] AND Statistics & Probability <u>or</u> AP Statistics	College Algebra through Modeling [CE] or College Algebra I [H] [CE]	Precalculus (H)	AP Calculus AB	AP Calculus BC
Next year take	College Algebra through Modeling [CE] <u>or</u> College Algebra I [H] [CE]	College Algebra through Modeling [CE] <u>or</u> College Algebra I [H] [CE] <u>or</u> Precalculus [H]	Precalculus [H] <u>or</u> AP Statistics	AP Calculus AB ** <u>Or</u> AP Statistics	AP Calculus BC <u>Or</u> AP Statistics	AP Statistics

Note: * Students may be placed in an additional trimester of this course using the district placement process.

** AP Calculus AB/BC (H) is offered at Blaine HS and Champlin Park HS

CPHS has IB Math options for 11th and 12th grade students. Check the registration guide for more information.

Anoka-Hennepin Secondary Math Sequence



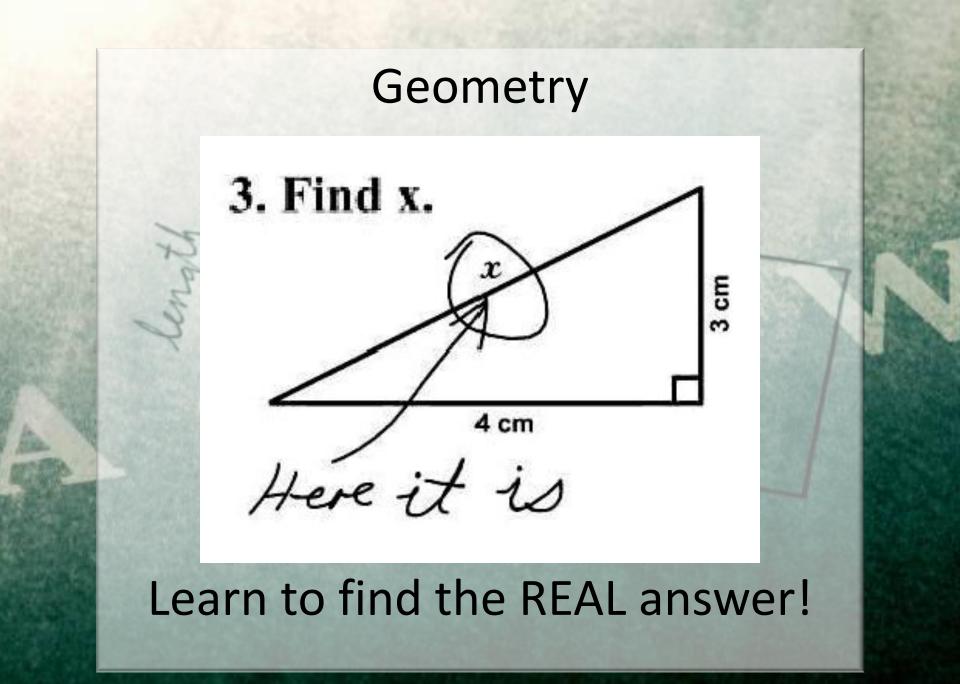
SO WHAT ARE MY OPTIONS???



Intermediate Algebra 1 Credit/ 2 Trimesters

Who takes it: EVERYBODY!

Prerequisite: Algebra/Middle School math



<u>Geometry</u> 1 Credit/ 2 Trimesters

Who takes it: EVERYBODY!!!

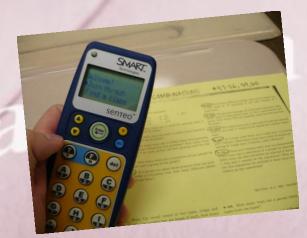
Prerequisite: Intermediate Algebra 1

Honors Geometry 1 Credit/2 Trimesters

Who takes it: Students who plan to take more than the required 3 credits or who want to consider AP classes

Prerequisite: Int. Algebra + Teacher Recommendation

Statistics and Probability HANDS ON ACTIVITIES!



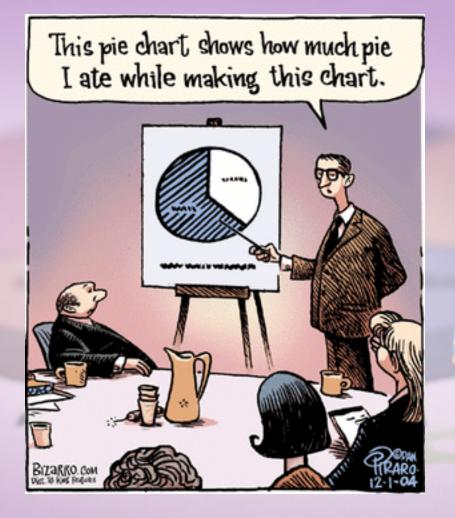
Advanced Algebra/Statistics and Probability

½ Credit/1 Trimester = Adv. Alg.
½ Credit/1 Trimester = Stats&Prob

Who takes it: EVERYBODY!

Prerequisite: Intermediate Algebra and/or Geometry

Advanced Placement Statistics



Advanced Placement Statistics 1 Credit/2 Trimesters

Who takes it: Those students wishing to earn college credits in high school

Prerequisite: Honors Adv. Algebra

Algebra and Beyond... Taking you to new heights.

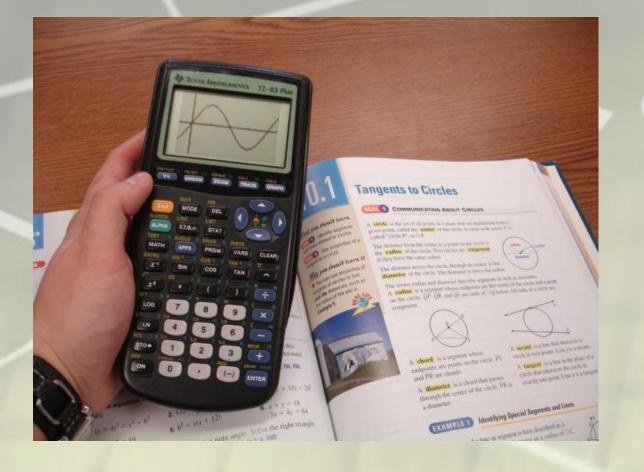
1)(x+5)

Honors Advanced Algebra 1 Credit/2 Trimesters

<u>Who takes it:</u> Students who are college bound and wish to take Trigonometry or Calculus in high school.

Prerequisite: Honors Geometry

Pre-Calculus

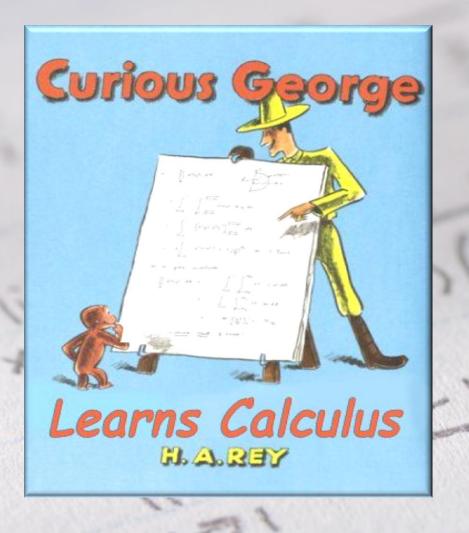


Pre-Calculus 1 Credit/2 Trimesters

<u>Who takes it:</u> Students who want to prepare for Calculus or college level math courses.

Prerequisite: Honors Advanced Algebra

Advanced Placement Calculus



Advanced Placement Calculus AB 1 Credit/2 Trimesters

<u>Who takes it:</u> Students who wish to prepare for math in college and plan to take the AP test in May for college credit.

Prerequisite: Honors Pre-Calculus

Advanced Placement Calculus BC 1 Credit/2 Trimesters

Who takes it: Students who wish to prepare for math in college and plan to take the AP test in May for college credit.

Prerequisite: Calculus AB

Advanced Placement Calculus ABC 1.5 Credits/3 Trimesters

Who takes it: Students wishing to finish Calculus in one year.

Prerequisite: Pre-Calculus By Teacher Recommendation ONLY

"For the things of this world cannot be made known without a knowledge of mathematics"

Roger Bacon 13th Century Scientist

See you in math class!