## Blaine

HIGHSCHOOL
Atome of the Bemrgales

## Blaine High School

## 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 $1 / 2$ 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 |
| :---: | :---: |
| 1 credit | Intermediate Algebra [1 credit] |
| 1 credit | Geometry [1 credit] |
| 1 credit | Advanced Algebra [1/2 credit] AND Statistics \& Probability [1/2 credit] |
|  | Advanced Algebra [1/2 credit] AND AP Statistics [1 credit] |


| Currently: <br> Grade 8 | MS Algebra Block | MS Algebra | Intermediate <br> Algebra $[\mathrm{H}]$ | Geometry [H] | Advanced <br> Mathematics |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Next year <br> take... | Intermediate Algebra * | Intermediate Algebra * | Geometry [H] | Advanced Algebra $[\mathrm{H}]$ <br> AND <br> Statistics \& Probability <br> or AP Statistics | Ask your Advanced <br> Math teacher for the <br> appropriate course |


| Currently: Grade 9 | 3-Tri Intermediate Algebra | Intermediate Algebra | Geometry [H] | Advanced Algebra [H] AND <br> Statistics \& Probability | Precalculus [ H ] |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Next year take... | Geometry * | $\begin{aligned} & \text { Geometry* } \\ & \text { or } \\ & \text { Geometry }[\mathrm{H}] \end{aligned}$ | Advanced Algebra [ H ] <br> AND <br> Statistics \& Probability or AP Statistics | Precalculus [H] | AP Calculus AB ** |


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


| Currently: <br> Grade 11 | Advanced Algebra <br> AND <br> Statistics \& Probability | Advanced Algebra [H] AND Statistics \& Probability or AP Statistics | $\begin{aligned} & \text { College Algebra } \\ & \text { through } \\ & \text { Modeling [CE] } \\ & \text { or } \\ & \text { College } \\ & \text { Algebra I [H] [CE] } \end{aligned}$ | Precalculus (H) | AP Calculus AB | AP Calculus BC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Next year take... | College Algebra through <br> Modeling [CE] College <br> Algebra I [ H ] [CE] | College Algebra through <br> Modeling [CE] college <br> Algebra I [H] [CE] Precalculus [H] | $\begin{aligned} & \text { Precalculus }[H] \\ & \text { AP or } \frac{\mathrm{H}}{} \mathrm{tatistics} \end{aligned}$ | AP Calculus AB ** AP Statistics | AP Calculus BC AP Statistics | AP Statistics |

[^0]CPHS has IB Math options for 11th and 12th grade students. Check the registration guide for more information.




## Intermediate Algebra 1 Credit/ 2 Trimesters

## Who takes it: EVERYBODY!

Prerequisite: Algebra/Míddle School math

## Geometry

3. Find $x$.


## Learn to find the REAL answer!

## Geometry

1 Credit/ 2 Trimesters

## Who takes it: EVERYBODY!!!

Prerequisite: Intermediate Algebra 1

## Honors Geometry <br> 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

$1 / 2$ Credit/ 1 Trimester =Adv. Alg.
$1 / 2$ Credit/ 1 Trimester =Stats\&Prob
Who takes it: EVERYBODY!

Prerequisite: Intermediate Algebra and/or Geometry

## Advanced Placement Statistics

## This pie chart shows how much pie I ate while making this chart.



## Advanced Placement Statistics 1 Credit/2 Trimesters

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

## Prerequisite:

Honors Adv. Algebra
$2(x+5)$

## Algebra and Beyond...

Taking you to new heights

## Honors Advanced Algebra 1 Credit/2 Trimesters

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

Prerequisite: Honors Geometry

## Pre-Calculus



## Pre-Calculus <br> 1 Credit/2 Trimesters

Who takes it: 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

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: 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 $A B$

## 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 madeknown without a knowledge of mathematics"

Roger Bacon
$13^{\text {th }}$ Century Scientist

## See you in math class!


[^0]:    Note: $\quad$ * 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

