

SKYLINE HIGH SCHOOL MATHEMATICS

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Skyline Math



A little about us

- **16 teachers**
- **Teaching experience from all over the country**
- **Some math teachers also teach classes outside of the math department**
- **Many of our teachers are coaches, club advisors, or parents of students in our district**
- **We are constantly looking at ways to best help our students such as after school help, offering retakes, and other grading practices.**

**What courses
do we offer???**

Bridge to Algebra

Algebra 1 (optional lab) or
Applied Algebra 1

Geometry or Advanced Geometry

Algebra 2 or Advanced Algebra 2

Bridge to Pre-Calculus or Pre-Calculus (CHS)

Pre-SL, IB SL (2 year program)

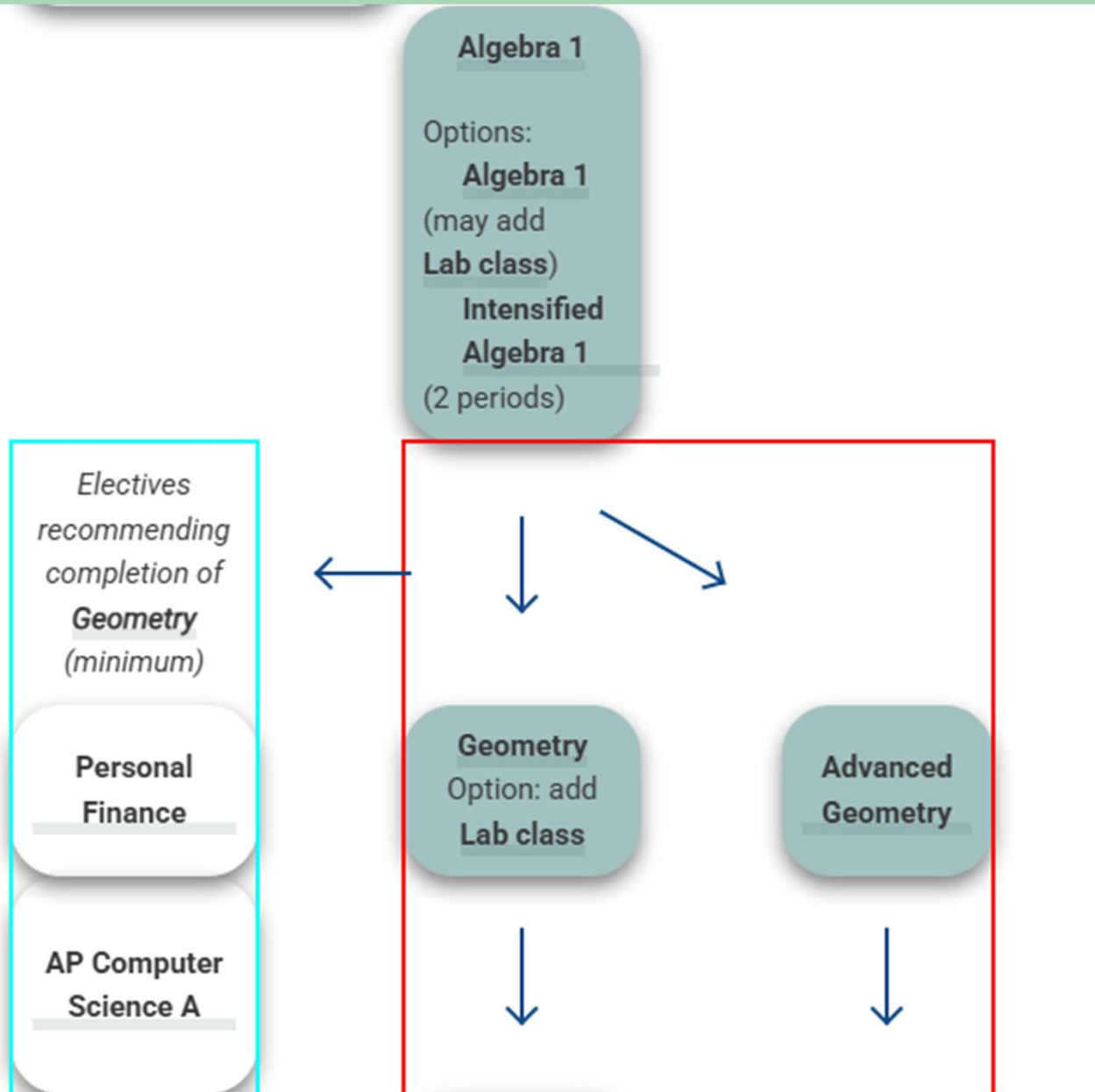
Pre-HL, IB HL 1, IB HL2 (3 year program)

AP Calculus AB

AP Calculus BC

Personal Finance, AP Statistics

MATH FLOWCHART



Electives
recommending
completion of
Algebra 2
(minimum)

AP Statistics

Algebra 2
Option: add
Lab class



**Bridge to Pre-
Calculus**

**Advanced
Algebra 2**



**Pre-
Calculus
(CHS)**



**Pre-SL
Math**
Grade 10-
11 only



**Pre-HL
Math**
Grade 10
only

**Pre-Calculus
(CHS)**



**AP
Calculus
AB**

**AP
Calculus
BC**

**Pre-SL
Math**
Grade 10-
11 only



**IB Math
SL**
Grade 11-
12 only

**Pre-HL
Math**
Grade 10
only



**IB Math
HL 1**
Grade 11
only



**IB Math
HL 2**
Grade 12
only

THINGS TO CONSIDER BEYOND THE LEARNING RECOMMENDATION GRADE

- Student work ethic
- Student attitude towards math
- Assessment scores and way earned
- Teacher input
- Where you would end up by 12th grade

MATH OPTIONS

Example 1

Example 2

Example 3

8	Math 3	Math 3	Math 3
9	Bridge to Algebra	Algebra 1	Algebra 1
10	Applied Algebra 1	Geometry	Advanced Geometry
11	Geometry	Algebra 2	Advanced Algebra 2
12	Personal Finance	Bridge to Pre-Calculus	Pre-Calculus CHS

Example 4

Example 5

Example 6

8	Algebra 1	Algebra 1	Algebra 1
9	Geometry	Advanced Geometry	Advanced Geometry
10	Algebra 2	Advanced Algebra 2	Advanced Algebra 2
11	Bridge to Pre-Calc	Pre-Calculus CHS	Pre-SL
12	Pre-Calculus CHS	AP Calculus	IB SL

MATH OPTIONS (MORE EXAMPLES)

I

	Example 7	Example 8	Example 9	Example 10
8	Geometry	Geometry	Geometry	Algebra 2
9	Algebra 2	Advanced Algebra 2	Advanced Algebra 2	AP Stats
10	Bridge to Pre-Calculus	Pre-Calculus	Pre-HL	Pre-HL
11	Pre-Calculus CHS	AP Calculus	IB HL 1	IB HL 1
12	AP Stats	AP Stats	IB HL 2	IB HL 2

MATH OPTIONS

	Standard Level		Higher Level	
6 th Grade	Math 1	Math 1-2	Math 1-2	Math 2-3
7 th Grade	Math 2	Math 2-3	Math 2-3	Algebra 1
8 th Grade	Math 3	Algebra 1	Algebra 1 + Online Honors Geometry	Advanced Geometry
9 th Grade	Algebra 1 + Online Honors Geometry	Advanced Geometry	Advanced Algebra 2	
10 th Grade	Advanced Algebra 2		Pre-HL Math	
11 th Grade	Pre-SL Math		IB Math Analysis HL1	
12 th Grade	IB Math Analysis SL		IB Math Analysis HL2	

HS AND COLLEGE REQUIREMENTS

- Students need to take 3 years of math during grades 9-12 to graduate from high school.
- Students need to meet standard on the 11th grade Smarter Balanced Math Test to graduate from high school.
- Colleges may require 4 years of math.

IB, CHS, AP
What do they Get Me?

CHS (College in the High School) - Bellevue College
credit with enrollment

IB HL or SL – could earn college credit based on exam

AP – could earn college credit based on exam

OTHER INFO

ISD Math Information

[Mathematics - Issaquah School District 411](http://isd411.org)
isd411.org

Skyline IB Information

[International Baccalaureate \(IB\) - Skyline](http://isd411.org)
[High School \(isd411.org\)](http://isd411.org)