Math Pathways: Grade 8 – 12

9th grade entry class ➔ Non common 9th grade entry class

Common math pathway ➔ Non common pathway

Acalanes Union High School District
Mathematics Course Pathways

Math Applications

- Introduction to Computer Science (S)
- Introduction to Computer Programming
- AP Computer Science A
- AP Computer Science Principles

Additional Mathematics Courses:

- Algebra A
- Algebra B
- Algebra 1
- Geometry
- Geometry (H)
- Algebra 2
- Algebra 2 Advanced
- Algebra 2/Pre-Calculus (H)
- Math Analysis
- Pre-Calculus
- Statistics
- AP Calculus AB
- AP Calculus BC
- AP Statistics
Math Pathways Grade 8 – 12;

Mathematics Pathways (includes high school acceleration option)

Pathways marked in red represent the common (recommended) pathway

Additional Mathematics Courses:
- Introduction to Computer Science (S)
- Introduction to Computer Programming
- AP Computer Science A
- AP Computer Science Principles

*AP Statistics is commonly taken concurrently with AP Calculus BC or AP Calculus AB
Diagram 3

Math Pathways Grade 8 – 12; Expanded Pathway

Pathways marked in red represent the common pathway

- Grade 8 Partner District
- CC Math 8
- Algebra A
- Algebra B
- Geometry
- Math Applications
- Geometry
- Algebra 2
- Grade 9 AUHSD
- Grade 10 AUHSD
- Grade 11 AUHSD
- Grade 12 AUHSD

Additional Mathematics Courses:
- Introduction to Computer Science (S)
- Introduction to Computer Programming
- AP Computer Science A
- AP Computer Science Principles
Math Pathways Grade 8 – 12; Accelerated Pathway

*Pathway for students who have accelerated in Middle School

Pathways marked in red represent the common (recommended) pathway

Diagram 4

Grade 8
Partner District

CC Math 8 /Algebra 1
Or
Algebra 1

Geometry

Geometry H

Grade 9
AUHSD

Algebra 2

Algebra 2 Advanced

Grade 10
AUHSD

Algebra 2/Pre-Calculus (H)

Math Analysis

Pre-Calculus

Grade 11
AUHSD

AP Calculus AB

Grade 12
AUHSD

Pre-Calculus

AP Statistics

AP Calculus AB

AP Calculus BC

Additional Mathematics Courses:
- Introduction to Computer Science (S)
- Introduction to Computer Programming
- AP Computer Science A
- AP Computer Science Principles

*AP Statistics is commonly taken concurrently with AP Calculus BC or AP Calculus AB