Diagram 1

Acalanes Union High School District

Mathematics Course Pathways

Math Pathways: Grade 8 – 12

⬇ 9th grade entry class   ⬇ Non common 9th grade entry class
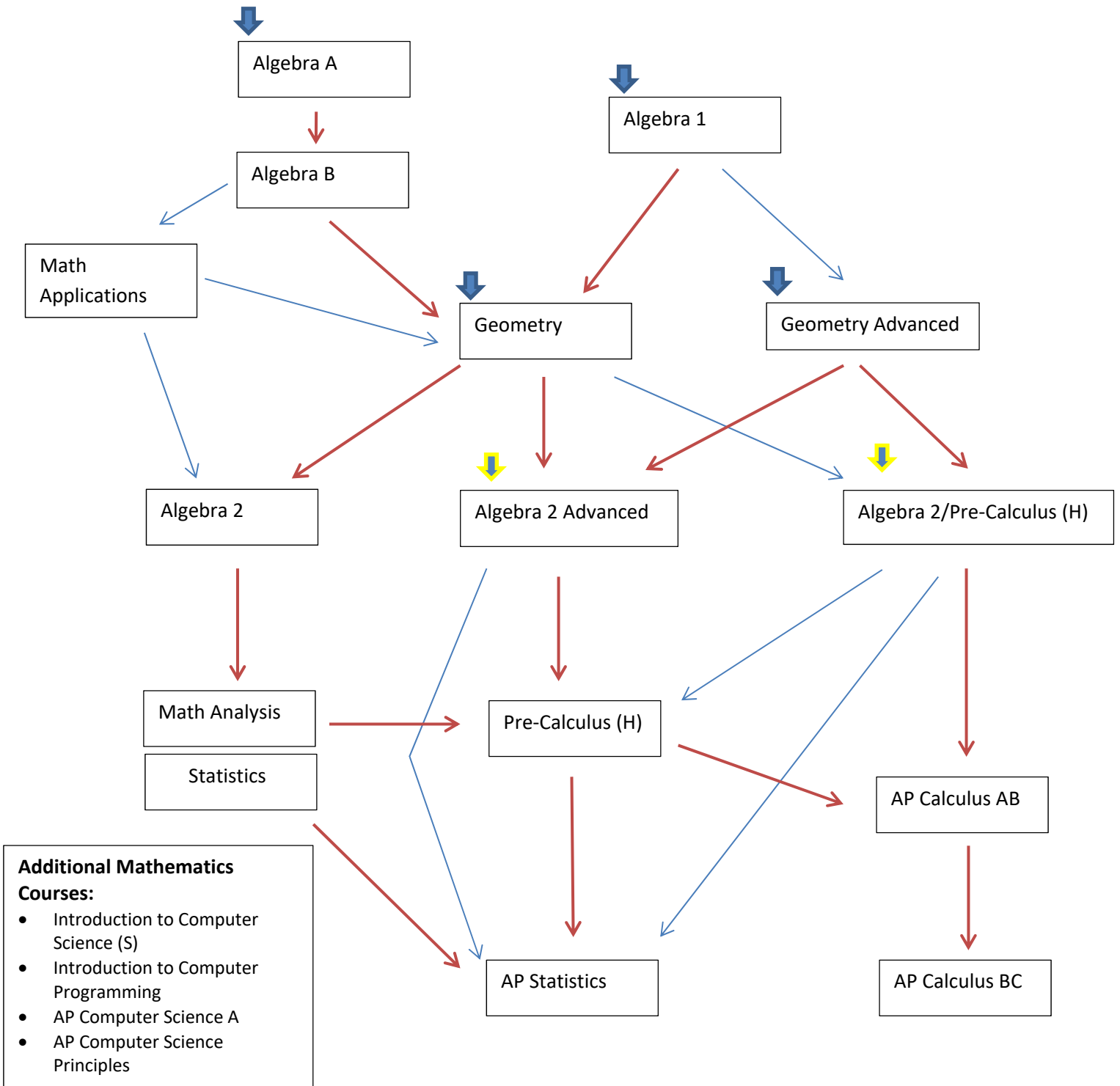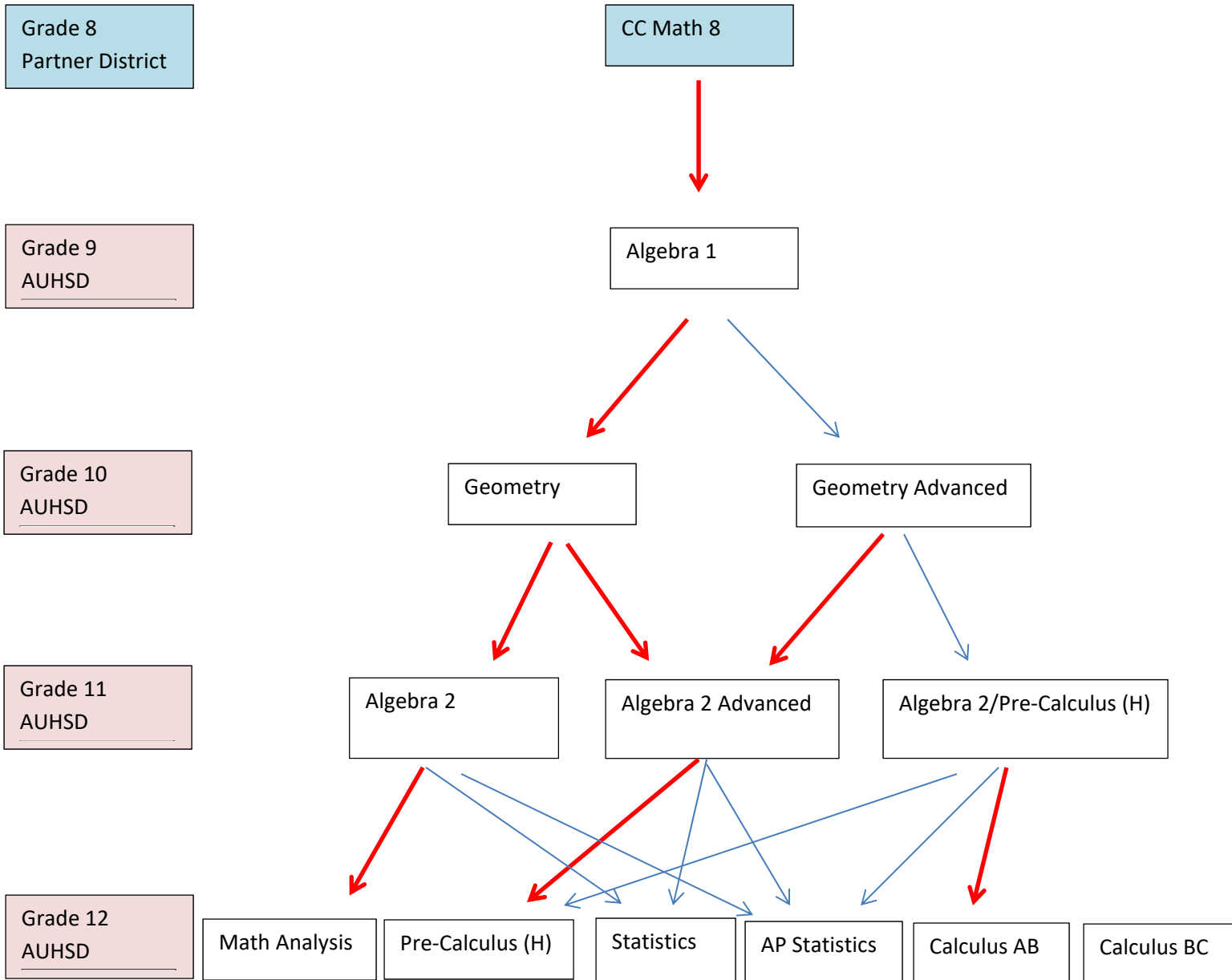
→ Common math pathway   → Non common pathway

⬇
Algebra A

⬇
Algebra 1

Algebra B

Math Applications

Geometry

Geometry Advanced

Algebra 2

⬇
Algebra 2 Advanced

⬇
Algebra 2/Pre-Calculus (H)

Math Analysis

Statistics

Pre-Calculus (H)

AP Calculus AB

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

AP Statistics

AP Calculus BC

Diagram 2

Math Pathways Grade 8 – 12;

Mathematics Pathways (includes high school acceleration option)

→ *Pathways marked in red represent the common (recommended) pathway*

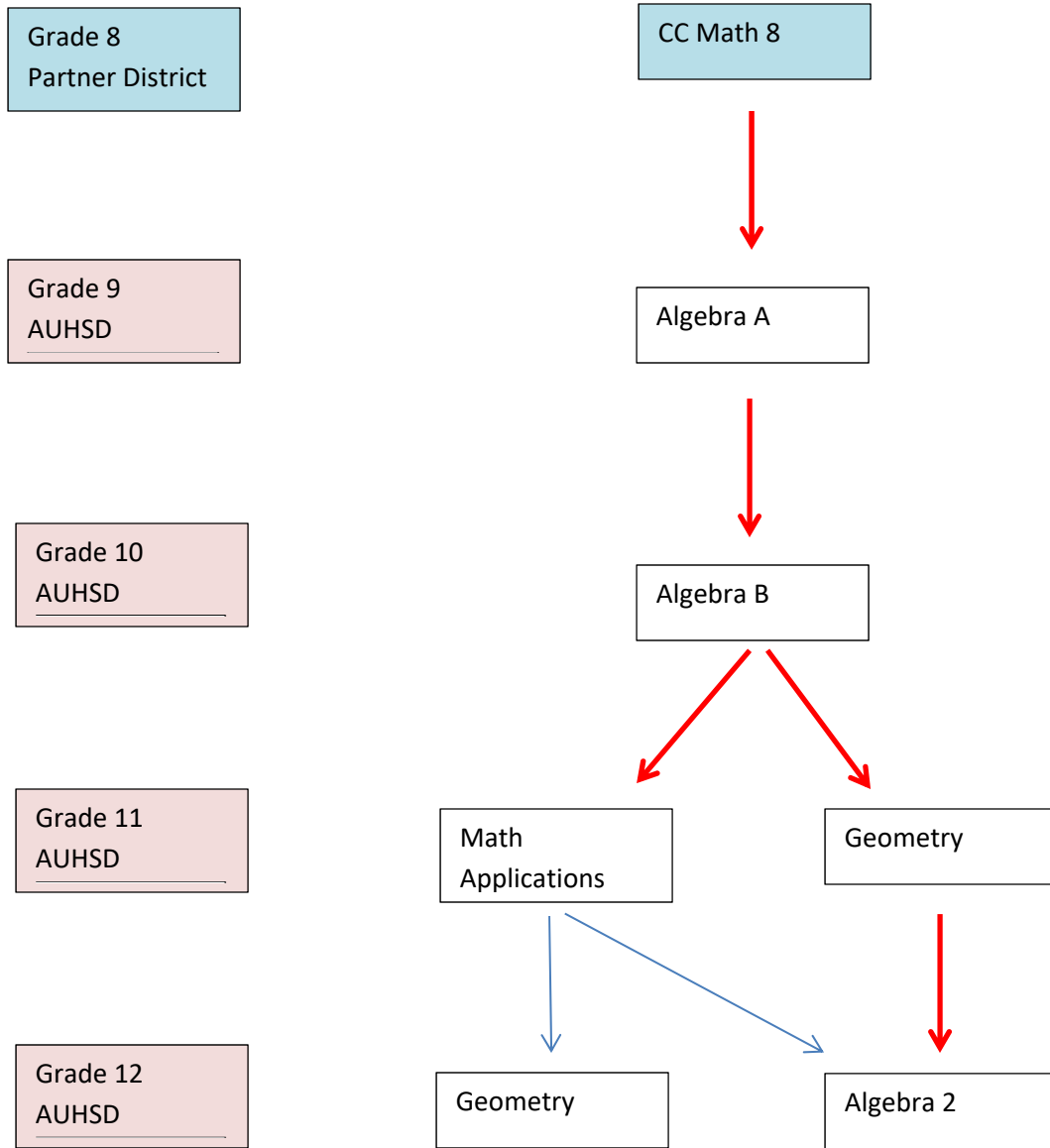|	
Grade 8 **Partner District**	CC Math 8
Grade 9 **AUHSD**	Algebra 1
Grade 10 **AUHSD**	Geometry — Geometry Advanced
Grade 11 **AUHSD**	Algebra 2 — Algebra 2 Advanced — Algebra 2/Pre-Calculus (H)
Grade 12 **AUHSD**	Math Analysis — Pre-Calculus (H) — Statistics — AP Statistics — Calculus AB — Calculus 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

Diagram 3

Math Pathways Grade 8 – 12; <u>Expanded Pathway</u>

→ *Pathways marked in red represent the common pathway*

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

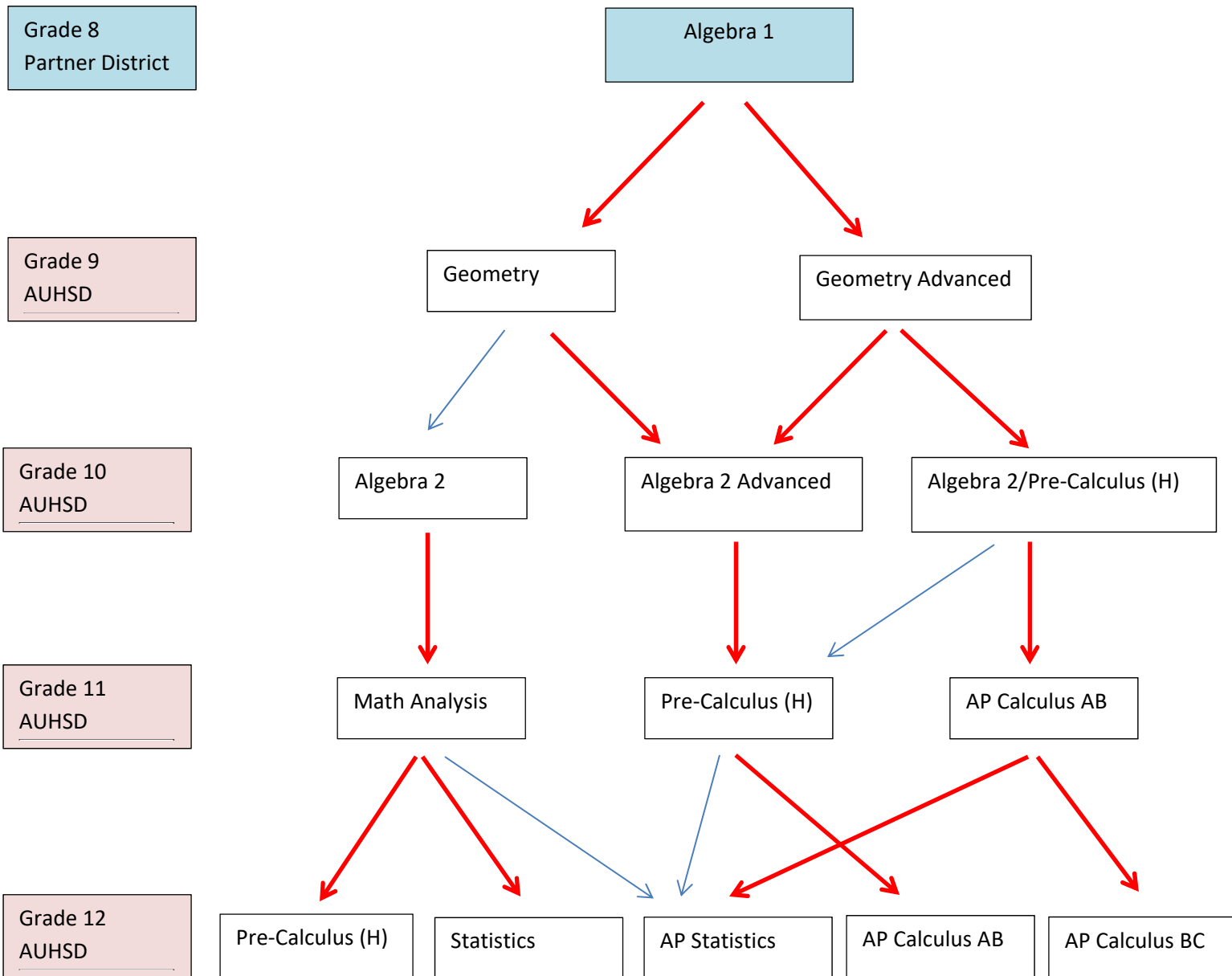**Additional Mathematics Courses:**
- Introduction to Computer Science (S)
- Introduction to Computer Programming
- AP Computer Science A
- AP Computer Science Principles

Diagram 4

Math Pathways Grade 8 – 12; <u>Accelerated Pathway</u>

*<u>*Pathway for students who have accelerated in Middle School</u>*

→ *Pathways marked in red represent the common (recommended) pathway*

| Grade 8 Partner District | | Algebra 1 |

| Grade 9 AUHSD | Geometry | Geometry Advanced |

| Grade 10 AUHSD | Algebra 2 | Algebra 2 Advanced | Algebra 2/Pre-Calculus (H) |

| Grade 11 AUHSD | Math Analysis | Pre-Calculus (H) | AP Calculus AB |

| Grade 12 AUHSD | Pre-Calculus (H) | Statistics | 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