

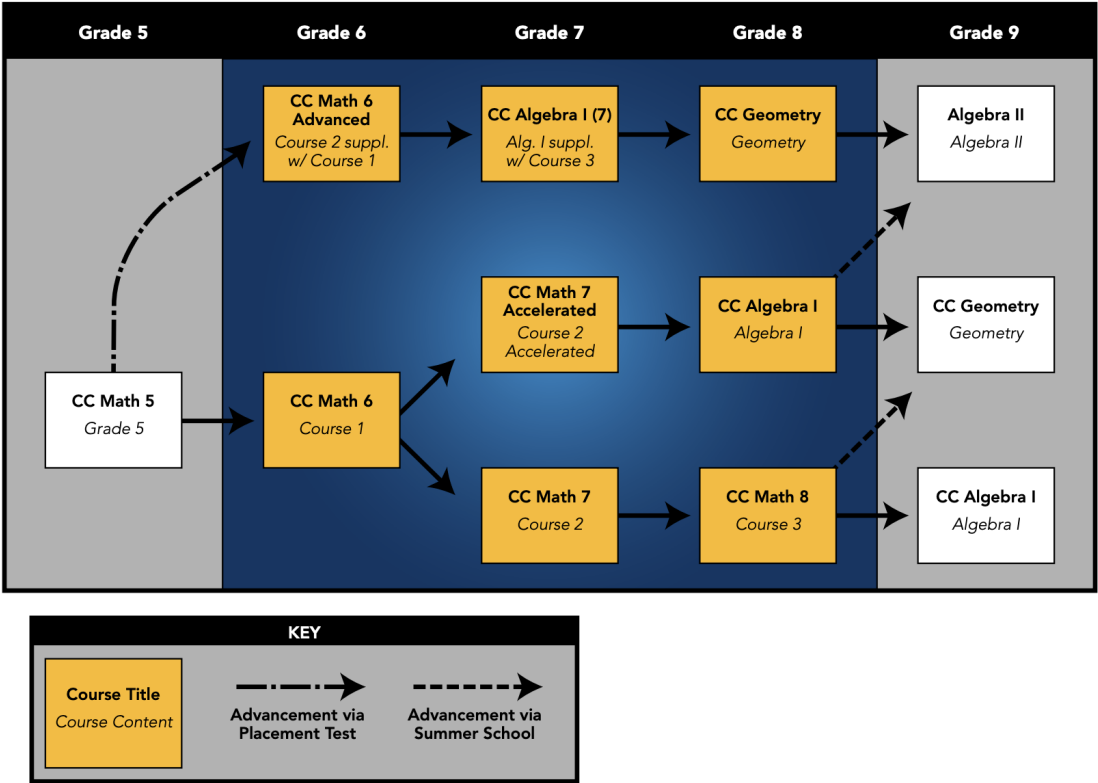
Walnut Valley USD 高中数学课程路径全解读

Walnut High School

Couses & Math Sequence

School Name	Courses
Walnut High School	Algebra 1
	Geometry
	Geometry AB
	Algebra 2
	Algebra 2 Honor
	Probaility/Statistics
	AP Statistics
	Math Analysis
	Math Analysis Honor
	Calculus
	AP Calculus AB
	AP Calculus BC
	Math IB SL
	Math IB HL
	AP Computer Science A

WVUSD Middle School Math Sequence



WVUSD 9th grade entrance Math Placement Protocol

8th Grade CC Math 8 to 9th grade Algebra courses

GRADES State Test Or Placement Test	1 st Sem: A,B,C 2 nd Sem: A,B	1 st Sem: A,B,C 2 nd Sem: C	1 st Sem: D,F 2 nd Sem: D,F
Standards exceeded 80% or higher	Algebra 1	Algebra 1	Alg 1 (double period)
Standards met 55% to 79%	Algebra 1	Algebra 1	Alg 1 (double period)
Standards nearly met 40% to 54%	Algebra 1	Alg 1 (double period)	Intro to Algebra
Standards not met 0 to 39%	Alg 1 (double period)	Alg 1 (double period)	Intro to Algebra

Placement/State testing – best result is used from these exams as State Exam at the 8th grade level does show proficiency in middle school Math 8 skills.

Algebra 1 (double period): for success in Algebra 1, this is the additional support course called Algebra Study Skills.

8th grade Algebra 1 to 9th grade Geometry

GRADES Placement Test	1 st Sem: A,B,C 2 nd Sem: A,B,C	1 st Sem: D 2 nd Sem: A,B	1 st Sem: A,B,C 2 nd Sem: D Or 1 st :D 2 nd :C	1 st Sem: D,F 2 nd Sem: D,F
Standards exceeded 80% or above	Geometry	Geometry	*Geometry	Algebra 1
Standards met 55% to 79%	Geometry	Geometry	Geometry but Algebra 1 is recommended	Algebra 1
Standards nearly met 40% to 54%	*Geometry	*Geometry	Algebra 1	Algebra 1 (double period)
Standards not met 0 to 39%	*Geometry	Algebra 1	Algebra 1 (double period)	Algebra 1 (double period)

8th grade math state testing CANNOT be used to determine placement because this assessment tests only Math 8 standards and not ALGEBRA 1 standards.

*additional Algebra support is advised for continued success in Geometry and later Algebra 2

8th grade Geometry to 9th grade Algebra 2

GRADES Placement Test	1 st Sem: A,B,C 2 nd Sem: A,B,C	1 st Sem: D 2 nd Sem: A,B,C	1 st Sem: A,B,C 2 nd Sem: D	1 st Sem: D,F 2 nd Sem: D,F
Standards exceeded 80% and over	Algebra 2	Algebra 2	Algebra 2	Geometry
Standards met 55% to 79%	Algebra 2	Algebra 2	Geometry	Geometry
Standards nearly met 40% to 54%	Algebra 2	*Algebra 2	Geometry	Geometry
Standards not met 0 to 39%	*Algebra 2	Geometry	Geometry	Geometry

8th grade math state testing CANNOT be used to determine placement because this assessment tests only Math 8 standards and not Geometry standards.

*additional support is advised for continued success in Algebra 2

Updated 08-2016

Walnut Valley USD 学区数学常见问题 (FAQ) — 摘要翻译

初中有几条数学
路径？

三条不同进度路径（详见 Middle School Math Sequence 图表）：
普通进度：按年级推进，稳步衔接高中

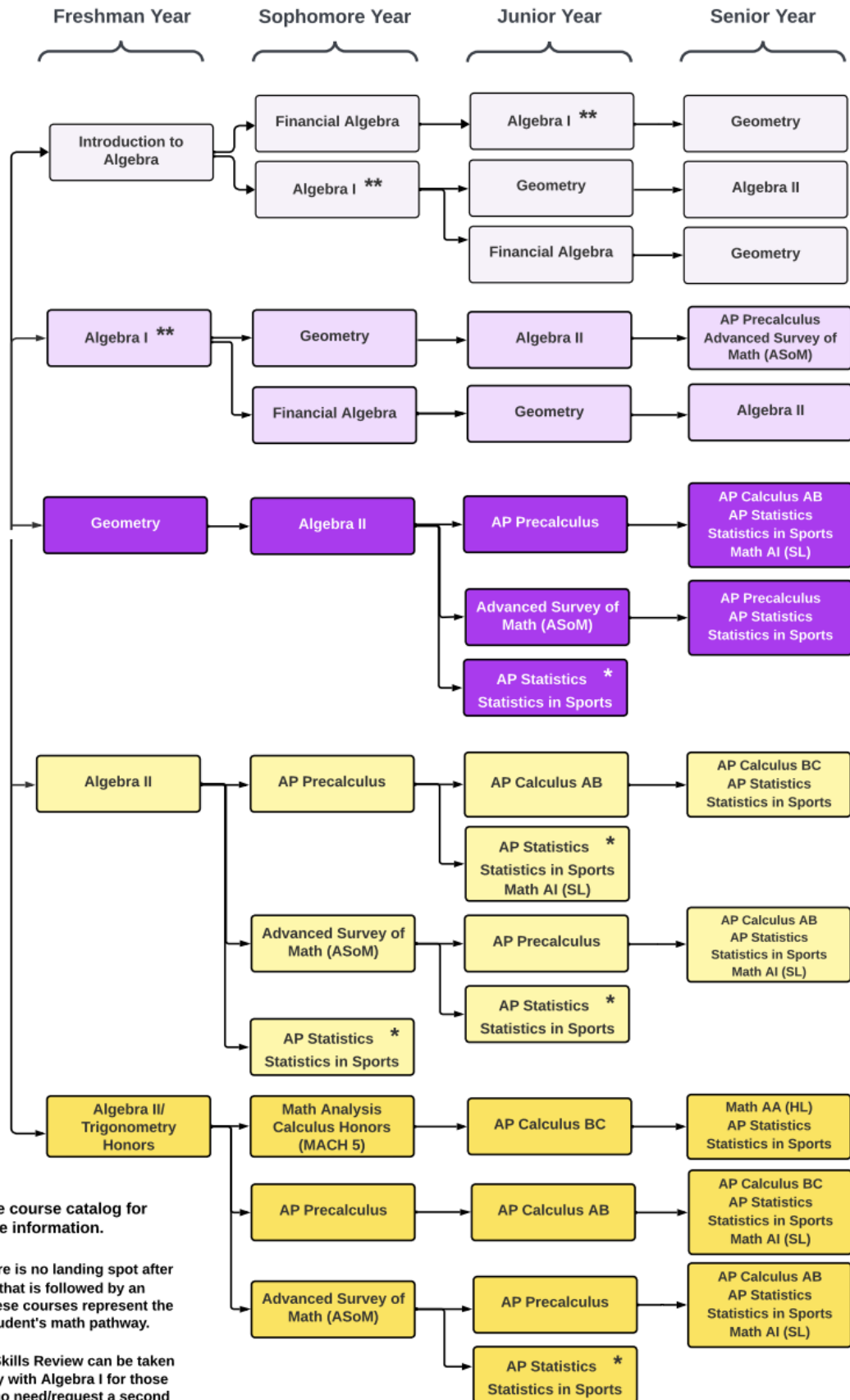
	加速进度：提前学完部分内容，高中起点更高
	超加速进度：用更短时间完成更多课程，高中能直接进入高阶数学
	焦虑点：不同路径直接决定高中能否更早修 AP 课程，大学申请差距从初中开始拉开。
路径之间能转换吗？	可以，通过：
	分班考试（Placement Test）
	暑期课程（Summer School）
	错过一次考试或暑校，可能要等一年才能转入加速轨道。
初中结束时，所有学生都能应对高中数学吗？	官方说所有路径都为高中打好基础，但现实是：
	普通轨道：高中起点较低，要在短时间内赶上加速同学压力大
	加速/超加速轨道：高中能直接进入更高阶课程（如 AP Precalculus / AP Calculus）
高中数学分班依据什么？	按学区Board Policy 6152.1，采用多重客观学术标准，包括：
	前一学年数学成绩
	标准化考试分数
	分班测试表现
	目标是确保学生能完成 UC/CSU 入学推荐的完整数学课程序列。
为什么高中分班这么重要？	高中数学路径影响：
	能否提前完成UC/CSU 要求的数学先修
	能否在高三修到 AP Calculus、AP Statistics 等大学水平课程
	高中起点低，可能高三才能上微积分，和竞争对手差一到两年进度。

Diamond Bar High School

Couses & Math Sequence

School Name	Courses
Diamond Bar High School	Intro to Algebra
	Financial Algebra
	Algebra Study Skills
	Algebra 1
	Geometry
	Algebra II
	Algebra II/Trigonometry Honors
	Statistical Reasoning in Sports
	Advanced Survey of Math

	AP Pre Calculus
	Mathematical Analysis/Calculus hONORS
	AP Calculus AB
	AP Calculus BC
	AP Statistics
	Math Applications and Interpretation IB SL
	Math Applications and Interpretation IB HL2
	Theory of Knowledge



Diamond Bar High School 数学常见问题 (FAQ) — 摘要翻译

这个课和普通 Algebra II 有什么不同？	节奏快：一学期上完 Algebra II 全部内容，第二学期进入三角函数 (Trigonometry)，还要覆盖部分 Algebra II。
	假设基础牢：老师默认学生对 Algebra I 和 Geometry 概念几乎无需复习。
	自主学习要求高：学生需要能自己读懂数学课本、自主思考。
结课成绩会影响后续数学轨道吗？	B 或以上：下一年可读 Mathematical Analysis / Calculus Honors (加速通道)。
	C：下一年只能读 Trigonometry / Mathematical Analysis，路径与普通 Algebra II 结课 C 相同。
	焦虑点：高分才能保持加速路径，一旦掉到 C，进度立刻降档。
哪些学生更适合读普通 Algebra II 而不是 A2TH？	过去数学成绩勉强 (靠努力拉到 B 或 C)
	考试容易忘概念或做题卡壳
	阅读数学课本有困难、缺乏自学习惯
	学业/社团/运动等课外负担已经很重
上 A2TH 需要投入多少额外时间？	除了作业，还需要额外主动复习与预习。
	需要花时间看懂课本、查资料，才能跟上快节奏。
	如果阅读或学习技巧不够，学校会帮你，但前提是你愿意投入大量课外时间。