

Middle to High School Math Progress

By Manny Norse

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Math Progress from Middle to High

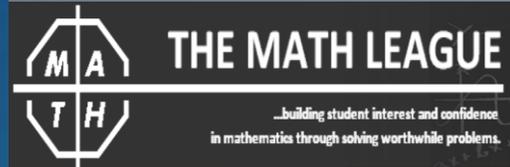
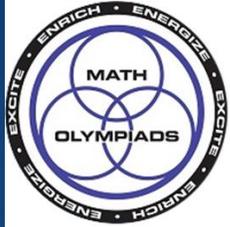


	180% in Public School	Private School or Extra Effort outside school	Top Private School Or More Effort outside school	Top Private School Or More Effort outside school	Math Competition
	Standard Program	Summa - level 1	Summa - level 2	Summa - level 3	Beyond Summa
Grade 4	math 3A/3B	math 3B/4A	math 4A/4B	Math 5A/5B	BA Math level 5
Grade 5	math 4A/4B	Math 4B/5A	Math 5A/5B + Intro to PreA	PreAlgebra (math 7/8)	AoPS PreAlgebra
Grade 6	math 6	math 6/7	math 7/8	Algebra 1 / AGS 1	AoPS Algebra 1
Grade 7	math 7	math 7/8	Algebra 1 / AGS 1	Geometry / AGS 2	AoPS Geometry
Grade 8	math 8	Algebra 1 / AGS 1	Geometry / AGS 2	Algebra 2 / AGS 3	AoPS Inter Algebra
Grade 9	Algebra 1 / AGS 1	Geometry / AGS 2	Algebra 2 / AGS 3	PreCalculus	AoPS PreCalculus
Grade 10	Geometry / AGS 2	Algebra 2 / AGS 3	PreCalculus	Calculus AB or BC	AoPS Calculus
Grade 11	Algebra 2 / AGS 3	PreCalculus	Calculus AB or BC		

AP Chemistry
AP Physics 1,2
AP Physics C

Math Competitions?

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- ▶ Math Competitions from 4th grade to 12th grade
 - ▶ Elementary
 - ▶ Math League (30 questions in 30 min, Speed)
 - ▶ Math Olympiad (5 questions in 30 min, Problem Solving)
 - ▶ Middle School
 - ▶ MathCounts (4 levels: School, Chapter, State, National)
 - ▶ AMC 8
 - ▶ High School
 - ▶ AMC 10, AMC 12
 - ▶ AMC 10/12 +AIME-> USAJO,USAMO (about 250 students per year)
- ▶ It's not only for competitions
 - ▶ Encourage love of math, improve problem-solving skills
 - ▶ Just entry level math competition in MS can make SAT math score high later
 - ▶ 99% USAMO, USAJO students get into the top 10 Colleges

Strong Supports From Sunshine



- ▶ Sunshine Provides different levels of math
 - ▶ Elementary Math:
 - ▶ Standard 1A, 1B,5A; PreAlgebra 1; PreAlgebra 2
 - ▶ Beast Academy level 2 to 5; AoPS PreAlgebra; Math Olympiad
 - ▶ Middle to High school
 - ▶ Standard: PreAlgebra, Algebra 1, Geometry, Algebra 2, AGS 1/2/3, PreCalculus
 - ▶ AoPS Algebra, Geometry, Intermediate Algebra, PreCalculus
 - ▶ MathCounts I, MathCounts II, AMC 8/10 ...
- ▶ Willamette Valley Academy helps students achieve more
 - ▶ A new nonprofit middle school for Grade 5-8
 - ▶ Starting from January, 2020
 - ▶ Support motivated and talented students to achieve more
 - ▶ Check more details: <http://www.willamettevalleyacademy.org>

Contact Information

- ▶ Class Pages (various)
- ▶ Email: manny.norse@sunshineeliteeducation.com