AOPS Math Course Programs

	6th	7th	8th	9th Fall	9th Spring	10th Fall	10th Spring	11th Fall	11th Spring	12th Fall	12th Spring
Alternative A				Prealgebra : § 1-10	Prealgebra : § 11-21	Algebra 1 : §1-7	Algebra 1 : § 8-14	Algebra 2 : Intro § 15-22	Geometry : § 1- 10	Geometry : § 11-19	Number Theory
Alternative B				Prealgebra : § 1-10	Prealgebra : § 11-21	Algebra 1 : § 1-7	Algebra 1 : § 8-14	Number Theory	Algebra 2 : Intro § 15-22	Geometry : § 1- 10	Geometry : § 11-19
Traditional Program			PreAlgebra	Algebra 1 : §1-7	Algebra 1 : § 8-14	Geometry : § 1- 10	Geometry : § 11-19	Algebra 2 : Intro § 15-22	Algebra 3 : Inter § 1-9	Algebra 3 : Inter § 10-20	PreCalculus
Optional Additions					Number Theory	Counting & Probability					
Advanced Program		PreAlgebra	Algebra 1 : §1-7 / Algebra 1 : § 8-14	Number Theory	Algebra 2 : Intro § 15 - 22	Geometry : § 1-10	Geometry : § 11-19	Algebra 3 : Inter § 1-9	Algebra 3 : Inter § 10-20	PreCalculus	PreCalculus
Optional Additions					Counting & Probability						
Beast Academy Graduate	PreAlgebra	Algebra 1 : § 1-14	Introduction to Number Theory* / Algebra 2 : Intro § 15-22	Geometry : § 1- 10	Geometry : § 11-19	Algebra 3 : Inter § 1-8	Algebra 3 : Inter § 10-20	PreCalculus	PreCalculus	Calculus (AOPS or College)	Calculus (AOPS or College)
Optional Additions			(Spring) Counting & Probability					Advanced Number Theory		Advanced Counting & Probability	

* Each **box** contains material for 0.5 high school credits. Giving high school credits for grade 7 work is not normally recommended. Most states and umbrella schools require 4 math credits.
* 'Number Theory' and 'Counting and Probability' can be taken after a student has completed Algebra 1 through § 7.
* Students who wish to double up on courses should receive credits for each course taken. For example, many students can start early and work through the entire Algebra 1 course text in one school year. Completing the entire text is equivalent to three of the 0.5 credit courses above and is therefore worth 1.5 credits in Algebra.
* Generally speaking, a student who completes the 'Introduction to Algebra', 'Number Theory', and 'Geometry' text should be able to pass a college entrance exam for College Algebra.