

NSO Math Sequence			
Course	Course Description	Course Prerequisite	Target Student Population
Gifted Connected Math (Previously Advanced Middle Math 1)	Textbook: Connected Math Project (CMP) 7 See course syllabus	Complete Qualifying Test (Series 1)/ Counselor Approval	5th/6th grade students who need greater depth and breadth in their approach to learning mathematics.
Algebra 1A&B	Textbook: None, all content is delivered online See course syllabus	Successful Completion Pre-Algebra or Equivalent/ Counselor Approval	Available to all students who meet the requirements into the course.
Gifted Algebra 1A&B (Previously Advanced Middle Math 2)	Textbook: Connected Math Project (CMP) 8 & Discovering Algebra: An Investigative Approach See course syllabus	Successful Completion Gifted CMP 7A&B or Equivalent/ Complete Qualifying Test (Series 2)/Counselor Approval	6th/7th grade students who need greater depth and breadth in their approach to learning mathematics.
Geometry A&B	Textbook: Geometry A ~ none, all content is delivered online; Geometry B ~ Prentice Hall: Geometry See course syllabus	Successful Completion Algebra 1 or Equivalent/ Counselor Approval	Available to all students who meet the requirements into the course.
Gifted Geometry A&B (Previously CORE 2)	Textbook: Discovering Geometry: An Investigative Approach See course syllabus	Successful Completion Gifted Algebra 1A&B or Equivalent/ Complete Qualifying Test (Series 3)/Counselor Approval	7th/8th grade students who need greater depth and breadth in their approach to learning mathematics.
Algebra 2A&B	Textbook: None, all content is delivered online. See course syllabus	Successful Completion Algebra 1 and or Geometry or Equivalent/ Counselor Approval	Available to all students who meet the requirements into the course.
Gifted Algebra 2A&B (Previously CORE 3)	Textbook: Discovering Advanced Algebra: An Investigative Approach See course syllabus	Successful Completion Gifted Geometry A&B or Equivalent/ Complete Qualifying Test (Series 4)/Counselor Approval	8th/9th grade students who need greater depth and breadth in their approach to learning mathematics.
Functions: Statistics & Trig A&B	See course syllabus	Successful Completion Algebra 2 or equivalent/ Counselor Approval	Available to all students who meet the requirements into the course.
AP Statistics A&B	Textbook: W.H. Freeman: The Practice of Statistics See course syllabus	Successful Completion Algebra 2 or equivalent/ Counselor Approval	Available to all students who meet the requirements into the course.

Successful Student:

To have success in the NSO Math program, a student needs to be able to pick up concepts rather quickly, keep up on the homework and classwork, show up to most/all of the online sessions, ask questions when needed, do well on tests and quizzes, and be able to explain their solutions thoughtfully and in a number of ways.