



Middle School Math Plan

NC Math 1 in Middle School			
	Criteria for Placement*	Course Delivery Format	Notes
8th Grade	<ul style="list-style-type: none"> • EOG Level 5 in 7th grade OR • EOG Level 5 on two of the last three EOGs 	<ul style="list-style-type: none"> • Face-to-face by 8th grade math teacher(s) • NC Math 1 and 8th Grade Math will be compacted, meaning both sets of content standards will be taught in a single class period throughout the year 	
7th Grade	Scored 97th percentile or higher on Math EOGs in 4th-6th grades <ul style="list-style-type: none"> • Average of 97th percentile on Math EOG score in 4th-6th grades • Two of the past three years (4th-6th grade) Math EOG score of 97th percentile or higher 	NC Virtual Public School (NCVPS) <ul style="list-style-type: none"> • Offered during an Elective period year-long • NCVPS teacher is the teacher of record 	<ul style="list-style-type: none"> • Provides students exposure to NC Math 1 and the 7th grade Math curriculum • Students would take year-long NC Math 1 through NCVPS during two elective periods, one in the fall, one in the spring. The student will concurrently be enrolled in 7th grade math.

**Students who meet the required criteria will be offered the opportunity for Advanced Math course in middle school; parents have the option of opting-out of the Advanced Math course.*

***During years in which some EOG scores from previous years are not available, the last 2 of 3 available EOG scores will be used.*



Implementation 2019 and beyond

Action	Purpose	Expected Outcomes
Curriculum and Instruction Summer Math planning (August 2019)	<ul style="list-style-type: none">● To integrate select eighth grade math standards into seventh grade instruction● To integrate select seventh grade math standards into sixth grade instruction● Plan rigorous math instructional units	<ul style="list-style-type: none">● Teachers create math units that integrate higher grade level standards into core instruction at each grade level● Teachers create activities and lessons that are foundational and rigorous
Professional Development for teaching staff (August 2019 and quarterly throughout the year)	<ul style="list-style-type: none">● To coach teachers in implementing put newly created math units into practice in the classroom● To allow teachers to collaborate and share best practices for differentiation	<ul style="list-style-type: none">● Teachers share best practices for implementation that will impact student math growth and achievement● Teachers continue to grow their capacity to differentiate math instruction for varied learning abilities in their classrooms
Professional Training in Foundations of Math (Summer and Fall 2019), Developing Mathematical Ideas and Open Up	<ul style="list-style-type: none">● To train K-6 math teachers on effective, research-based, core instructional math practices	<ul style="list-style-type: none">● Students gain a deeper conceptual understanding of math standards and applications
Implement newly created math units at the middle school level (2019/2020 school year)	<ul style="list-style-type: none">● To provide math instruction that is foundational, rigorous and challenging	<ul style="list-style-type: none">● Students gain a deeper conceptual understanding of math standards and applications