

## Logan County Schools

### Guidelines for Middle School Students Taking Algebra I, Geometry or Algebra II Prior to High School

1. To be eligible for Algebra I, all students **must**:
  - a. Meet minimum requirement on Iowa Algebra Aptitude Test (IAAT)
  - b. Meet minimum requirement on STAR Assessment Percentile RankAND have a teacher or math committee recommendation
2. Parents must sign and return the consent form to the school by June 1, 2020.
3. All 7th grade and some 6th grade students will be eligible to take the Algebra I screener (Iowa Test Pre-Algebra I).
4. New students will be enrolled during the first four weeks of school if they qualify. Students who transfer and are currently enrolled in Algebra I, Geometry or Algebra II at their previous school will be enrolled if the average cumulative grade was 80% or above.
5. According to Kentucky Senate Bill 74, students will receive high school math credit for Algebra I, Geometry or Algebra II if the final average grade of an "A" or "B" (80% in Logan County School District) for the course and a score of 70% and higher on the EOC assessment is attained. If the average falls below a "B" or scores 69% and below on the EOC, the student will NOT receive high school credit and will be required to retake the course in high school.
6. Students enrolling in Algebra I, Geometry or Algebra II will NOT be allowed to drop the class. If a student's grade drops below 80%, the student will not receive high school credit but will remain in the class.
7. The "A" or "B" earned in the course at the middle school level will become part of the child's high school transcript and will be used to calculate the high school grade point average (GPA).
8. Kentucky high school graduation requirements obligate students to take one math course each year of high school. Therefore, students who take advanced math courses in middle school will have additional course(s) calculated into their GPA at the end of high school.
9. Due to regulations of the Council on Post-Secondary Education, Algebra I, Geometry or Algebra II credit earned during middle school will NOT be applied toward KEES scholarship money.
10. Due to NCAA regulations, Algebra I, Geometry or Algebra II credits earned at the middle school level will NOT count as a core high school mathematics credit for graduation requirements. NCAA requires four core math credits earned at the high school level.  
\*Refer to Logan County Math Course Pathways.
11. Common assessments will be administered by all Algebra I, Geometry and Algebra II teachers. Teachers will attend periodic meetings to ensure consistency among all classes.

## LOGAN COUNTY MATH COURSE PATHWAYS

GRADE	COURSE	COURSE	COURSE	
Grade 6	Algebra 1	6 <sup>th</sup> Grade Math	6 <sup>th</sup> Grade Math	
Grade 7	Geometry	Algebra 1	7 <sup>th</sup> Grade Math	
Grade 8	Algebra 2	Geometry	Algebra 1	
Grade 9	Pre-Calculus	Algebra 2	Geometry	
Grade 10	AP Calculus	Pre-Calculus	Algebra 1.5	Algebra 2
Grade 11	BC Calculus/AP Stats	AP Calculus/Trig/ AP Stats/ AP Computer Science	Algebra 2	Pre-Calculus
Grade 12	AP Computer Science/ Dual Credit Math 116	AP Calculus/Trig/ AP Stats/ AP Computer Science/BC Calculus/ Dual Credit Math 116	Pre-Calculus	AP Calculus/ AP Stats/ AP Computer Science/ Trigonometry/ Dual Credit Math 116
College/Advanced Level Courses Required	(3) College Level Credits	(2) College Level Credits	(1) College Level Credit	

**Students who have aspirations to apply for the Gatton Academy MUST have completed Algebra 2 by the end of their sophomore year.**