



## **Math Pathways Criteria**

### **Pathway I**

All students qualify for Pathway I and can expect an academically rich mathematics experience that will have them college or career ready without the need for remediation. As students progress through the curriculum and grade levels, they can move into Pathway II in middle school or high school. That movement will depend in part upon work ethic, classroom performance and test scores.

### **Pathway II**

Students in this pathway will jump from 6<sup>th</sup> grade math to a compacted 7<sup>th</sup> and 8<sup>th</sup> grade math course we call Pre-Algebra. Students will take Algebra I in the 8<sup>th</sup> grade and receive high school credit by successfully passing the course and required state assessments. If a student earns less than a 75% in the course and/or does not successfully pass the end of course exam, s/he may be required to take Algebra I again in the 9<sup>th</sup> grade.

To qualify for Pathway II, students will need to achieve one of the following criteria within 24 months of entering 7<sup>th</sup> grade:

- One normed academic score of 95<sup>th</sup> percentile or higher
- A cognitive score of 110 or higher and one normed academic score of 70<sup>th</sup> percentile or higher
- Two or more normed academic scores above the 80<sup>th</sup> percentile
- All normed academic scores above the 70<sup>th</sup> percentile

Students who grow significantly in math skills and interest in middle school may opt to take Geometry and Algebra II concurrently in 9<sup>th</sup> grade to have the option of moving to the third pathway in 10<sup>th</sup> grade.

### **Pathway III**

Acceleration into Pathway III begins in 5<sup>th</sup> grade. Students will be identified using a strict set of criteria to determine those individuals who are cognitively prepared for what is termed ‘radical acceleration’ in mathematics. Students who qualify will enter a compacted 5/6 curriculum in 5<sup>th</sup> grade, will take a 7/8 compacted math curriculum in 6<sup>th</sup> grade (Pre-Algebra), will take Algebra I in 7<sup>th</sup> grade and Geometry in 8<sup>th</sup> grade. High school graduation credit will be earned with successful passage of the Algebra I and Geometry courses as well as the end of course exams. Students who do not achieve at least a 75% in the course or do not successfully pass the end of course exam, may be required to take the course again the subsequent school year.

To qualify for Pathway III, students will need to achieve one of the criteria prior to entering 5<sup>th</sup> grade:

- A cognitive score of 128 or above and one normed academic score of 85<sup>th</sup> percentile or higher
- A cognitive score of 122 or above and one normed academic score of 95<sup>th</sup> percentile or higher
- A cognitive score of 115 or above and two normed academic scores of 95<sup>th</sup> percentile or higher
- Three or more normed academic scores of 95<sup>th</sup> percentile or higher

\*Normed academic score: We use the Measure of Academic Progress (MAP), a nationally normed academic assessment. Students have three opportunities per school year to take MAP.