

Indianola Middle School

Mathematics Learning Pathways

Updated 5-30-17

Math acceleration at the middle school level is intended to provide equitable access to appropriate and rigorous mathematic courses for students. Measures have been identified to help predict a student's probability of success and to determine eligibility. These measures are also intended to eliminate subjective beliefs about which students are capable of success with acceleration and to eliminate overlooking the identification of other students.

It is believed that these students, ones that accept the invitation to accelerate, will increase their engagement with mathematics, increase their test scores, and continue on to accelerated mathematics courses in high school.

There is no plan to have a certain percentage of middle school students enrolled in Algebra I. The goal is to provide the most appropriate and challenging coursework for all students.

Determining Needs: Incoming 6th Grade Students and Students New to Indianola Public Schools

2 years Iowa Assessment Math Total >= Standard Score 242 5th grade Advanced and 230 4th grade Advanced

Considered Advanced on Screener Tests; 6th grade screener; Big Ideas Pre-Course Test for grade level above 90%; Iowa Algebra Aptitude Test

	GRADE 6	GRADE 7	GRADE 8	
Non-Accelerated Pathway	MATH 6 (Everyday Math Volume 1&2)	MATH 7 (Course 2-Red Book)	MATH 8 (Course 3-Blue Book)	
Students Showing Need (typically not identified for GT Math Services)	MATH 6/7 (Advanced 1- Orange Book) ***** 5th grade GT students complete at elementary	MATH 7/8 (Advanced 2- Orange Book)	ALGEBRA I ***** Opportunity for HS Math Credit	
GT Math Identified Students who successfully passed Math 6/7	MATH 7/8 (Advanced 2) ***** All Incoming 6th Graders GT in Math	ALGEBRA I ***** Opportunity for HS math credit	GEOMETRY ***** Opportunity for HS Math Credit	9th Grade Take Algebra II