

Mathematics: Grade-level and Course Overview

Grade/Course		Number of Standards	
Mathematics – Kindergarten		22	
Mathematics – Grade 1		21	
Mathematics – Grade 2		26	
Mathematics – Grade 3		25	
Mathematics – Grade 4		28	
Mathematics – Grade 5		26	
Mathematics – Grade 6		29	
Mathematics – Grade 7		26	
Mathematics – Grade 8		28	
Prescribed Mathematics Courses			
Integrated Pathway		Traditional Pathway	
Course	Number of Standards	Course	Number of Standards
High School Mathematics I for 8th Grade	64	High School Algebra I for 8th Grade	73
High School Mathematics I	51	High School Algebra I	60
High School Mathematics II	61	High School Geometry	55
Personalized Mathematics Courses* (Third and Fourth Course Options)			
Course		Number of Standards	
Advanced Mathematical Modeling		38	
Applied Statistics		29	
Calculus		23	
Computer Science and Mathematics		44	
Financial Algebra/Mathematics		37	
High School Mathematics III OR Algebra II (recommended)		48; 45	
High School Mathematics IV - Trigonometry/Pre-calculus		40	
Quantitative Reasoning		42	
Probability and Statistics		30	
Statistics		59	
STEM Readiness		31	
Technical Transition Mathematics		52	
Transition Mathematics for Seniors		52	

AP®, Dual Credit, or IB® Mathematics course, County-created and Approved Math Courses higher than Mathematics II or Algebra II, or Mathematics college courses

*Students should consult with their chosen post-secondary educational/training institution when choosing course options and electives. School teams, including counselors, teachers and administrators, should confer with the student and his/her parents to decide what third- and fourth-year mathematics courses best meet the needs of the student.