



STRAND	TITLE	MONTHS TAUGHT
Strand 1	Extending the Number System Rational Numbers Irrational Numbers Properties of Exponents Complex Numbers Polynomials Radicals	August mid-September
Strand 2	Quadratic Functions and Modeling Interpret Functions Analyze Functions Build a Function Construct/compare linear, quadratic, and exponential functions	mid-September October mid-November
Strand 3	Expressions and Equations Create equations Interpret the structure Write expressions in equivalent forms Solve equations and inequalities Complex numbers Systems of equations Factoring/Complete square Graphing quadratics	mid-November December
Strand 4	Applications of Probability Independence/Conditional Probability Interpret data Rules of probability Compound Events	January
Strand 5	Similarity, Right Triangle Trig/Proofs Similar transformations prove geometric theorems prove theorems involving similarity Prove geometric theorems algebraically Define trig ratios Right triangles Prove/apply trig identities	February March

Scope and Sequence/Pacing for Secondary II Mathematics (10th Grade)

STRAND	TITLE	MONTHS TAUGHT
Strand 6	Circles with and without Coordinates Apply theorems and circles Conic sections (geometrically, equations) Rational/Irrational Numbers Volume	April May

- Day-to-day pacing is left to the discretion of the individual collaborative teams. Follow the district monthly pacing to help guide the daily lesson plans. (For example, complete teaching Strand 1 “Extending the Number System” concepts by mid-September).
- Teachers are expected to use formative assessments regularly to guide instruction, intervention, remediation, and enrichment.
- **IMPORTANT:** Teams that are using the Mathematics Vision Project(MVP) may opt to follow the MVP scope and sequence/pacing.