Throughout:

Modeling

Graphing

Analyzing graphs

Inequalities

Polynomials

Rationals

Radicals

Exponential/Logarithms

Trigonometry (honors – solving trig identities, all 6 functions and inverses)

Stats

Geometry (cross sections, revolutions, density)

Series – sum of a geometric (honors – finite arithmetic & infinite geometric)

Honors:

Parametric (vectors with trig – not in core but consider doing)

Polar

Function Composition & Inverses