scope and sequence - secondary

Math	6	7	8	Alg I	Geometry	Alg II
week 3	integer operations	equations/inequalities (two-step, one-variable)	equations/inequalities (one-variable, variables on both sides)	laws of exponents*	two-dimensional figures (perimeter, circumference, area)	cube and cubic root functions*
week 4	equations/inequalities (one-step, one-variable)	linear relationships represented in a table/graph/equation	linear relationships represented in a table/graph/equation	simplifying radical expressions*	two-dimensional figures (perimeter, circumference, area)	describing rational functions*
week 5	proportions represented in a table/graph/equation	linear relationships represented in a table/graph/equation	linear relationships represented in a table/graph/equation	quadratic functions*	three-dimensional figures (surface area and volume)*	solving and simplifying rational functions*
week 6	area (rectangles, parallelograms, trapezoids, triangles)	total and lateral surface area (rectangular/triangular prisms and cylinders)	total and lateral surface area (prisms, pyramids, cones, cylinders, and spheres)	quadratic functions*	three-dimensional figures (surface area and volume)*	exponential functions*
week 7	area (rectangles, parallelograms, trapezoids, triangles)	volume (rectangular/triangular prisms and pyramids)	volume (cylinders, cones, spheres)	quadratic functions*	probability*	logarithmic functions*
week 8	data analysis* (bar graph, dot graph, circle graph)	data analysis* (scatterplot)	data analysis (key features of linear functions)	arithmetic and geometric sequences*	permutations and combinations*	inverse functions*

*refer to your district scope and sequence as direct instruction may be needed in order to engage with this content