

<b>Eighth-Grade Mathematics</b>	
<b>1st Marking Period Units 1 &amp; 2</b>	<b>2nd Marking Period Unit 3</b>
Geometry, The Number System & Equations 8.G.1-5, 8.NS.1-2, 8.EE.1, 3, 4 Topics include congruence, angle measurements, parallel lines, transformations, using coordinates, triangles, transversals, rational numbers, radicals, numbers, integer exponents, and scientific notation	Functions, Statistics & Probability 8.F.1-3, 8.SP.1-2 Topics include input, output, graph of a function, linear functions represented by a table of functions and algebraic expressions, square of a function, scatter plots, clustering, outliers, positive, negative, linear, and nonlinear associations
<b>3rd Marking Period Unit 4</b>	<b>4th Marking Period Unit 5</b>
Equations & Functions 8.EE.5-7, 8.F.4-5 Topics include graphing proportional relationships, linear equations, function relationships of quantities, and sketching graphs	Geometry & Expressions 8.EE.2, 8.G.6-9 Topics include radical and integer exponents, Pythagorean Theorem, and volume of cylinders, cones and spheres

**SOURCE:** Adapted from: [www.state.nj.us/education/modelcurriculum/math/8.pdf](http://www.state.nj.us/education/modelcurriculum/math/8.pdf)