

Math Grade 7/8 Year Plan 2023 - 2024

	Grade 7 & 8	
Building Culture & Developing Norms (September)	<ul style="list-style-type: none"> - Establish norms / culture (collaboration, risk taking, perseverance) - Non-curricular thinking tasks - Math & Art - Discuss and develop growth mindset 	
	Grade 7	Grade 8
Introductory Units (End of September /October)	NS - Review Estimation Solve Problems Involving Percents SS - 3-D & 2-D Shapes - Geometric constructions	NS - Review Estimation and Solving Problems Involving Percents Percents less than 0 and greater than 100% SS - 3-D & 2-D Shapes - Draw & interpret top, front & side views
Rotation 1 (October - November)	NS - **Review multiplication & division Add, Subtract, Multiply & Divide decimals NO - Add, Subtract, Multiply & Divide decimals PR - Linear Relations, Tables, Graphs & Analyzing SS - Circles (Part 1)	NS - **Review multiplication & division of decimals Squares & Square Roots NO - Approximate Square Roots of # that are Not Perfect Squares PR - Review Linear Relations, Tables, Graphs & Analyzing SS - Draw and construct nets
Rotation 2 (December - January)	NS - Decimals, Fractions & Whole #s NO - Divisibility PR - Preservation of Equality SS - Circles (Part 2)	NS - Rate & Ratio NO - Rate, Ratio & Proportional Reasoning PR - 2 Variable Linear Relations SS - Pythagorean Theorem
Data (December or January)	Mean, Median, Mode Circle Graphs	Critique Ways in Which Data is Presented
Rotation 3 (February - March)	NS - Add and Subtract Fractions PR - Evaluate Expressions / Start Solving Linear Equations SS - Review area and volume	NS - Multiply and Divide Fractions PR - Review Solving Linear Equations SS - Surface Area
Transformations (March/April)	Transformations in all 4 Quadrants of Cartesian Plane	Review 4 Quadrants of Cartesian Plane Congruence of Polygons
Rotation 4 (April - May)	NS - Add and Subtract Integers	NS - Multiply and Divide Integers

	<p>PR - Solve Linear Equations</p> <p>SS - Area of Triangles, Parallelograms, Circles</p>	<p>PR - Solve Linear Equations</p> <p>SS - Volume of Prisms</p>
<p>Probability (June)</p>	<p>Probabilities as ratios, fractions, and percents</p> <p>Sample space</p> <p>Conduct an experiment</p>	<p>Solve Problems involving Probability</p>