

8th Grade Math Curriculum Summary and Pacing Guide

Book/Investigation	Notes	Instruction Window
PRE-ASSESSMENT	Built into Unit 1 (teacher discretion for administering within first two weeks)	TBD
UNIT ONE: Looking for Pythagoras (27 days)	<ul style="list-style-type: none"> - Optional Lesson-1.3 - Student notebooks include additional lessons on rational/irrational numbers. Added in as 4.2 and 4.3. - Teacher guides will be provided on Schoolwires for extra rational/irrational lessons 	Assessments: Unit exam 8/31 – 10/9
UNIT TWO: Thinking With Mathematical Models/Slope Review Unit (27 days)	<ul style="list-style-type: none"> - Teach entire book. - Slope of right triangles additional lessons 4.1 and 4.2. - Teacher guides will be provided on Schoolwires for extra lessons. 	Assessments: Unit exam 10/12 – 11/19
UNIT THREE: Kaleidoscopes, Hubcaps, and Mirrors (30 days)	<ul style="list-style-type: none"> - Teach entire book. - Investigation 2.4-Optional, not eligible content. - First year teaching the book, take notes on suggestions for next year. 	Assessments: Unit exam 11/20 -1/20/16
UNIT FOUR: Say It With Symbols (22 days)	<ul style="list-style-type: none"> - Do all of investigations 1 and 2. Only do 3.1, 3.2, and 4.1. - Additional lessons provided on volume of cones, cylinders and spheres in 4.2. - Teacher guides will be provided on Schoolwires for extra lessons. 	Assessments: Unit exam 1/21 – 2/19
UNIT FIVE: Samples and Populations (15 days)	<ul style="list-style-type: none"> - Only do investigations 1 and 4. - Additional lessons on bivariate data in 5.1 and 5.2. - Teacher guides will be provided on Schoolwires for extra lessons. 	Assessments: Unit exam 2/22 – 3/11
UNIT SIX:	- Do all of 1, 2, 4 and 5.2.	Assessments: Unit exam

<p>Growing, Growing, Growing</p> <p>(27 days)</p>	<ul style="list-style-type: none"> - Student notebooks include additional lessons on scientific notation in 3.1 and 3.2. - Student notebooks also include additional lessons on operations with exponents and cube roots in 5.3 and 5.4. - Teacher guides will be provided on Schoolwires for additional lessons. 	<p>3/14 – 5/12</p>
<p>UNIT SEVEN: Shapes of Algebra</p> <p>(16 days)</p>	<ul style="list-style-type: none"> - Do investigations 2.1, all of 3, and all of 4. - No additional lessons have been added. 	<p>Assessments: Unit exam</p> <p>5/13 – 6/3</p>