

8th Grade Math Scope and Sequence Spreadsheet

| | | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Misc. |
|---------------------------|----------------------------|--|---|---|--|--|
| Skills | | Linear Relationships, tables, graphs, and slope, solving simple linear equations | Algebraic reasoning, systems of equations, order of operations, solving linear and simple quadratic equations, using intercepts | Systems of equations, Pythagorean theorem, slope, distance, and area, special right triangles, ratios of sides, intro of sine, cosine and tangent, connecting coordinates | Functions and modeling, slope, finding equation of a line, exponential relationships in tables, graphs, words, and symbols | Quadratic relationships Missing Essential Standards |
| Oregon # Standards | Calculations & Estimations | 5, 12 | 6, 11 | | | 2 |
| | Statistics & Probability | | | | 2 | 1, 3, 4, 5 |
| | Algebraic Relationships | 4, 6, 9, 10, 14, 17, 18, 19 | 5, 6, 7, 8, 12, 13 | | 1, 2, 3, 16 | |
| | Measurement | | | | | 1, 4, 5 |
| | Geometry | | | 1, 2, 3, 4, 5, 6, 7, 8, 12 | | 11, 13 |
| Book/Unit | | <u>Moving Straight Ahead</u> | <u>Saying it With Symbols</u> , Systems of Equations (supplemental unit) | Systems of Equations, <u>Looking for Pythagoras</u> | <u>Thinking with Mathematical Models</u> , <u>Growing, Growing, Growing</u> | <u>Frogs, Fleas, and Painted Cubes</u> (if time), Accelerated Math |