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| Course: Math 9  |

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|  |  | **Completion/TARGETS** |
| **UNIT 1** | 10% |  |
| **Real Number System** | Order of Operations Review; Substitution; Introduction to Fractions; Fractions; estimation and computation with decimals |  |
| **UNIT 2** | 12% |  |
| **Rational Numbers**  | Working with Integers; Comparing and Ordering Rational Numbers; Problem Solving with Numbers in Decimal Form; Problem Solving with Numbers in Fraction Form; Square Roots of Rational Numbers |  |
| **UNIT 3** | 8% |  |
|  **Powers and Exponents** | Introduction to Exponents; The Exponent Laws; Exponents and Order of Operations; Using Exponents to Solve Problems |  |
| **UNIT 4** | 17% |  |
| **Polynomials** | Math Language for Polynomials; Like Terms and Equivalent Polynomials; Adding and Subtracting Polynomials; Multiplying and Dividing Monomials; Multiplying Polynomials by Monomials; Dividing Polynomials by Monomials |  |
| **UNIT 5** | 9% |  |
| **Linear Relations** | Patterns and How to Interpret Them; How to Interpret Graphs; Graphing Linear Relations |  |
| **UNIT 6** | 11% |  |
| **Solving Linear Equations**  | Solving Simple Equations; Solving Equations with Like Terms; Solving Equations with Parentheses; Solving Equations with Fractions |  |
| **UNIT 7** | 14% |  |
| **Scale Factors and Symmetry**  | Enlargement and Reductions; Scale Diagrams; Similar Triangles; Similar Polygons; Linear Unit Conversions |  |
| **UNIT 8** | 14% |  |
| **Data Analysis** | Salary and Wages; Paid by Commission; Piecework and Contract Work; You need a Budget; Banks, Savings, and Interest |  |
| **UNIT 9** | 5% |  |
| **Data Analysis** | Populations and Samples; Collecting Data; Problems with Statistics and Probability |  |

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| STUDENT NAME |  |
| TEACHER NAME |  |
| SCHOOL |  |
| AVERAGE GRADE ASSIGNED TO ALL SUCCESSFULLY **COMPLETED WORK\*** IN THE COURSE |  |