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| Course: **Math 10 FPC** |

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|  |  | **Completion/TARGETS** |
| **UNIT 1** | 12% |  |
| **Exponents** | Multiplying and Dividing Terms with Exponents; Power Rule; Positive and Negative Exponents; Fractional Exponents and Radicals; Applications of Exponent Laws |  |
| **UNIT 2** | 8% |  |
| **Polynomials**  | Simplifying Polynomials; Multiplying Polynomials with Areas; FOIL and Multiplying Polynomials; Expanding Special Polynomials |  |
| **UNIT 3** | 13% |  |
| **Factoring** | Prime Factorization and Greatest Common Factors; Factoring Trinomials; ; Difference of Squares; Putting It All Together |  |
| **UNIT 4** | % |  |
| **Relations and Functions** | Solving Linear Systems by Graphing**;** Relations, Functions, Domain, and Range**;** Graphs of Relations , Functions, Domain, and Range**;** Graphing Linear Functions**;** Function Notation |  |
| **UNIT 5** | 16% |  |
| **Linear relations**  | Slope of a Line; Linear Functions in Slope Intercept Form; Parallel and Perpendicular Lines; Finding the Equations of Linear Functions; Intercepts and Equations of Lines; Arithmetic Sequences |  |
| **UNIT 6** | 13% |  |
| **Linear Systems** | Solving Linear Systems by Graphing**;** Solving Linear Systems by Elimination**;** Solving Linear Systems by Substitution**;** Annotated Examples |  |
| **UNIT 7** | % |  |
| **Right Angled Triangle Trigonometry** | The Tangent Ratio; The Sine Ratio; The Cosine Ratio; Using Trig to Solve Right Angles |  |
| **UNIT 8** | 10% |  |
| **Math Models** | Experimental Probability; Pay Cheques; Line of Best Fit |  |

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