**GED 2014 Math Study Plan Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Topic** | **Materials** | A | C |
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| **Whole Numbers** | * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 1** |  |  |
| * Addition | * Basic Essentials of Math 1 * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 2** |  |  |
| * Subtraction | * Basic Essentials of Math 1 * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 2** |  |  |
| * Multiplication | * Basic Essentials of Math 1 * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 2** |  |  |
| * Division | * Basic Essentials of Math 1 * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 2** |  |  |

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| **Fractions** | * Number Power 2 pp. 11-21 * [www.visualfractions.com](http://www.visualfractions.com) * **SB Fractions, Decimals, %, Proportion Unit 2** * BTM Level 2 Workbook W/S 1-8 * **NRP Kaplan Big Book pp. 246** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 4** |  |  |
| * Addition | * Number Power 2 pp. 22-30 * BTM Level 2 Book 2 pp. 7-24 * BTM Level 2 Workbook W/S 9-11 * **NRP Kaplan Big Book pp. 248 – 249** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 4** |  |  |
| * Subtraction | * Number Power 2 pp. 31-38 * BTM Level 2 Book 2 pp. 25-45 * BTM Level 2 Workbook W/S 12-17 * **NRP Kaplan Big Book pp. 248 – 249** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 4** |  |  |
| * Multiplication | * Number Power 2 pp. 39-46 * BTM Level 2 Book 3 pp. 6-20 * BTM Level 2 Workbook W/S 18-20 * **NRP Kaplan Big Book pp. 250 – 251** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 4** |  |  |
| * Division | * Number Power 2 pp. 47-57 * BTM Level 2 Book 3 pp. 21-29 * BTM Level 2 Workbook W/S 21-22 * **NRP Kaplan Big Book pp. 250 – 251** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 4** |  |  |

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| **Decimals** | * Number Power 2 pp. 62-72 * BTM Level 2 Book 4 * BTM Level 2 Workbook W/S 23-24 * **NRP Kaplan Big Book pp. 240 – 241, 252 - 261** * **SB Fractions, Decimals, %, Proportion Unit 2** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 6** |  |  |
| * Addition and Subtraction | * Number Power 2 pp. 73-78 * BTM Level 2 Book 4 pp.17-24 * BTM Level 2 Workbook W/S 25-26 * **NRP Kaplan Big Book pp. 242 – 243** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 6** |  |  |
| * Multiplication and Division | * Number Power 2 pp. 79-93 * BTM Level 2 Book 4 pp. 25-53 * BTM Level 2 Workbook W/S 27-32 * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 6** * **NRP Kaplan Big Book pp. 244 - 245** |  |  |

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| **Using the TI-30xs calculator** | * Watch videos from [www.ged.com](http://www.ged.com) (test tips section.) |  |  |
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| **Number Sense concepts** |  |  |  |
| * Absolute value | * Top Line Math Number Concepts Lesson 13 pp. 40- 41 * **NRP Kaplan Big Book pp. 324 - 325** |  |  |
| * Multiples and factors | * BTM Level 3 Book 4 pp. 6-7 * BTM Level 3 Workbook W/S 25 |  |  |

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| **Ratio and Proportion** | * Top Line Math Ratio and Proportion pp. 6-27 * **SB Fractions, Decimals, %, Proportion Strategy 11** * **NRP Kaplan Big Book pp. 262 – 265** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 5** |  |  |
| **Percent** | * **SB Fractions, Decimals, %, Proportion Strategy 13** * Springboard Percents * BTM Level 2 Book 5 * BTM Level 2 Workbook W/S 35-47 * **NRP Kaplan Big Book pp. 266 – 281** * **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 7** |  |  |

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| **Data Analysis** | * **SB Graphs, Data Analysis & Probability Unit 1** * Top Line Math Data Analysis and Probability (Unit 1) * S/V GED Skill Book: Data Analysis, Stats, Meas & Geom Les 1 – 3 * **NRP Kaplan Big Book pp. 282 – 289** * **S/V Mathematical Reasoning Book & Workbook Unit 2 Lesson 5-7** |  |  |
| **Statistics** | * **SB Graphs, Data Analysis & Probability Unit 2** * Top Line Math Data Analysis and Probability (Unit 1) * S/V GED Skill Book: Data Analysis, Stats, Meas & Geom Less 4 * **NRP Kaplan Big Book pp. 290 – 297** * **S/V Mathematical Reasoning Book & Workbook Unit 2 Lesson 3** |  |  |
| **Probability –** simple and compound events | * **SB Graphs, Data Analysis & Probability Unit 3** * Top Line Math Data Analysis and Probability (Unit 1) * S/V GED Skill Book Math: Data Analysis, Stats, Meas. & Geom. Lesson 5 * **NRP Kaplan Big Book pp. 298 – 307** * **S/V Mathematical Reasoning Book & Workbook Unit 2 Lesson 4** |  |  |

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| **Geometry** |  |  |  | |
| * Triangles | * Number Power 4 pp.42-72 * **SB Meas. & Geom. Strategy 14** * BTM Level 4 Book 2 pp.8-20, 33-36 * BTM Level 4 Workbook W/S 8-10 * S/V GED Skill Book: Data Analysis, Stats, Meas & Geom Les 8, 11 * **NRP Kaplan Big Book pp. 380 – 383** * **S/V Mathematical Reasoning Book & Workbook Unit 4 Lesson 2** |  |  | |
| * Area and Perimeter | * Number Power 4 pp. 88-124 * **SB Measurement and Geometry Unit 2** * BTM Level 4 Book 2 pp.27-31, 38-50 * BTM Level 4 Workbook W/S 11-21 * BTM Level 4 Book 3 pp. 6-23 * S/V GED Skill Book: Data Analysis, Stats, Meas & Geom Les 12-13 * **NRP Kaplan Big Book pp. 378 – 379, 384 – 387** * **S/V Mathematical Reasoning Book & Workbook Unit 4 Lesson 1, 3-6** |  |  | |
| * Volume, Surface Area | * **SB Meas. & Geom. Unit 3** * BTM Level 4 Book 3 pp. 25-29 * **NRP Kaplan Big Book pp. 388 – 399** * **S/V Mathematical Reasoning Book & Workbook Unit 4 Lesson 7-9** |  |  | |
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| **Algebra** | * **SB Algebraic Reasoning Unit 3** |  |  |
| * Integers | * **SB Algebraic Reasoning Strategies 1 & 2** * Number Power 3 pp.10-23 * BTM level 3 book 1 * BTM level 3 Workbook W/S 1 – 10 * **NRP Kaplan Big Book pp. 314 - 317** |  |  |
| * Powers and Roots | * **SB Algebraic Reasoning Strategy 3** * Number Power 3 pp. 24-37 * BTM Level 3 Book 4 pp. 9-14 * BTM Level 3 Workbook W/S 26 – 27 * **NRP Kaplan Big Book pp. 318 - 321** |  |  |
| * Evaluating expressions | * **SB Algebraic Reasoning Strategy 4** * Number Power 3pp. 38-50 * BTM level 3 Book 2 pp. 7 – 18 * BTM Level 3 Workbook W/S 11 – 13 * **NRP Kaplan Big Book pp. 322 – 323, 326 - 331** |  |  |
| * Linear equations | * **SB Algebraic Reasoning Strategy 5** * Number Power 3 pp. 52-67 * Number Power 3 pp. 68-85 * BTM level 3 Book 2 pp. 19 - 41 * BTM Level 3 Workbook W/S 14 – 19 * **NRP Kaplan Big Book pp. 348 - 353** |  |  |
| * Inequalities | * **SB Algebraic Reasoning Strategies 7 & 9** * **NRP Kaplan Big Book pp. 3354 - 355** |  |  |
| * Polynomials | * Number Power 3 pp. 128-141 * BTM Level 3 Workbook W/S 28 – 39 * BTM Level 3 Book 4 pp16 - 48 * **NRP Kaplan Big Book pp. 332 - 347** |  |  |
| * Factoring Expressions | * Number Power 3 pp. 142-153 * BTM Level 3 Book 4 pp. 50-59 |  |  |
| * Quadratic equations | * **SB Algebraic Reasoning Strategy 8** * **NRP Kaplan Big Book pp. 356 - 357** |  |  |
| * Graphing lines and functions | * **SB Algebraic Reasoning Unit 4 (Strategies 13 – 15)** * Number Power 3 pp. 100- * BTM Level 3 Workbook W/S 40 – 44 * BTM Level 3 Book 5 * **NRP Kaplan Big Book pp. 360 - 369** |  |  |
| * Functions | * **SB Algebraic Reasoning Strategy 6** * **NRP Kaplan Big Book pp. 370 - 373** |  |  |

**SB = Scoreboost BTM = Breakthrough to Math NRP = New Readers Press S/V = Steck Vaughn**