**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**
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| * Addition
 | * Basic Essentials of Math 1
* **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 2**
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| * Subtraction
 | * Basic Essentials of Math 1
* **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 2**
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| * Multiplication
 | * Basic Essentials of Math 1
* **S/V Mathematical Reasoning Book & Workbook Unit 1 Lesson 2**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| **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**
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| **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**
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| **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**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| * 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**
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| * Inequalities
 | * **SB Algebraic Reasoning Strategies 7 & 9**
* **NRP Kaplan Big Book pp. 3354 - 355**
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| * 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**
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| * Factoring Expressions
 | * Number Power 3 pp. 142-153
* BTM Level 3 Book 4 pp. 50-59
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| * Quadratic equations
 | * **SB Algebraic Reasoning Strategy 8**
* **NRP Kaplan Big Book pp. 356 - 357**
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| * 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**
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| * Functions
 | * **SB Algebraic Reasoning Strategy 6**
* **NRP Kaplan Big Book pp. 370 - 373**
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**SB = Scoreboost BTM = Breakthrough to Math NRP = New Readers Press S/V = Steck Vaughn**