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| **Chapter 1 Topic: Rational Numbers Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.NS.1  CC.8.EE.7 | Day 1: Expectations, **Star Math Assessment** | #1 | Bring back signed papers |
| Day 2: Pre-Course Assessment, Hand out Books | #2 | **Are you Ready? Ch. 1**  Pg. 3 all |
| Day 3: 1-1 “Rational Numbers” | #3 | pg.8/9 #2-60 even |
| Day 4: 1-2 “Multiplying Rational Numbers” | #4 | pg. 12/13 #2-54 even |
| Day 5: 1-3 “Dividing Rational Numbers” | #5 | pg.17/18 #2-50 even |
| Day 6: 1-4 “Adding and Subtracting with Unlike  Denominators” | #6 | pg. 21/22 #2-32 even |
| Day 7: “**Ready To Go On? Quiz #1**; Focus on  Problem solving; **Star Math** | #7 | Pg. 25 all |
| Day 8: 1-5 “ Solving Equations with Rational  Numbers” | #8 | pg. 28/29 #2-48 even |
| Day 9: 1-6 “Solving Two-Step Equations” | #9 | pg. 34/35 #2-40 even |
| Day 10: **Ready to Go On Quiz #2** & Real World  Connections | #10 | pg. 37 all |
| Day 11: Study Review | #11 | Pg. 40-42 #2-58 even |
| Day 12: Study Review Go Over | #12 | Study |
| Day 13: **Chapter Test**/ Test Tackler | #13 | **Are you ready? Ch. 2**  Pg. 47 all |

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| **Chapter 2 Topic: Graphs and Functions Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.F.5  CC.8.F.1  CC.8.F.2 | Day 1: 2-1 “Ordered Pairs” | #14 | Pg. 52/53 #2-32 even |
| Day 2: 2-2 “Graphing on a Coordinate Plane” | #15 | Practice Worksheet |
| Day 3: 2-3 “Interpreting Graphs” | #16 | Pg. 61/62 all |
| Day 4: **Ready To Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #17 | pg.65 all |
| Day 5: 2-4 “Functions” | #18 | Practice Worksheet |
| Day 6: 2-5: “Equations, Tables, and Graphs” | #19 | Practice Worksheet |
| Day 7: **Ready To Go On? Quiz #2**; Real World  Connections; **Star Math** | #20 | pg. 77 all |
| Day 8: Game Time – Sprouts; **Star Math** | #21 | Pg. 78 |
| Day 9: Study Review | #22 | Pg. 80-82 all |
| Day 10: Study Review Go Over | #23 | Study |
| Day 11: **Chapter Test**/ Test Tackler | #24 | **Are you ready? Ch. 3**  Pg. 89 all |

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| **Chapter 3 Topic: Exponents and Roots Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.EE.1  CC.8.EE.3  CC.8.EE.4  CC.8.EE.2  CC.8.NS.2  CC.8.NS.1  CC.8.G.6  CC.8.G.7  CC.8.G.8 | Day 1: 3-1 “Integer Exponents” | #25 | Pg. 94/95 #2-46 even |
| Day 2: 3-2 “Properties of Exponents” | #26 | Practice Worksheet |
| Day 3: 3-3 “Scientific Notation” | #27 | pg.102-104  #2-44 even |
| Day 4: 3-4 “Operating with Scientific Notation” | #28 | pg. 107/108  #2-28 even |
| Day 5: **Ready To Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #29 | pg. 111 all |
| Day 6: 3-5 “Squares and Square Roots” | #30 | pg. 114/115  #2-48 even |
| Day 7: 3-6 “Estimating Square Roots” | #31 | Practice Worksheet |
| Day 8: Hands on Lab “Exploring Cube Roots” | #32 | pg. 120/121 all |
| Day 9: 3-7 “The Real Numbers” | #33 | Pg. 125/126  #2-52 even |
| Day 10: Extension “Identifying and Graphing  Irrational Numbers” | #34 | Pg. 129 all |
| Day 11: 3-8 “The Pythagorean Theorem” | #35 | Pg. 134/135  #2-32 even |
| Day 12: 3-9 “Applying the Pythagorean Theorem  And Its Converse” | #36 | Practice Worksheet |
| Day 13: **Ready To Go On? Quiz #2**; Real World  Connections; **Star Math** | #37 | Pg. 143 all |
| Day 14: Study Review | #38 | Review Worksheet |
| Day 15: Go over Review Worksheet | #39 | Study |
| Day 16: **Chapter Test**/ Test Tackler | #40 | **Are you ready? Ch. 4**  Pg. 153 all |

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| **Chapter 4 Topic: Ratios, Proportions, and Similarity Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.G.4  CC.8.G.3 | Day 1: 4-1 “Ratios, Rates, and Unit Rates” | #41 | Pg. 158/159  #2-24 even |
| Day 2: 4-2 “Solving Proportions” | #42 | Pg. 163/165  #2-36 even |
| Day 3: **Ready To Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #43 | Pg. 167 all |
| Day 4: Hands On Lab “Explore Similarity” | #44 | Pg. 168/169 all |
| Day 5: 4-3 “Similar Figures | #45 | Pg. 172/173 all |
| Day 6: 4-4 “Dilations” | #46 | Pg. 178/179 all |
| Day 7: “**Ready To Go On? Quiz #2**; Real World  Connections; **Star Math** | #47 | Pg. 181 all |
| Day 8: Study Review | #48 | Pg. 184-186 all |
| Day 9: Study Review Go Over | #49 | Study |
| Day 10: **Chapter Test**/ Test Tackler | #50 | **Are you ready? Ch. 5**  Pg. 193 all |

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| **Chapter 5 Topic: Geometric Relationships Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.G.5  CC.8.G.1  CC.8.G.2  CC.8.G.3 | Day 1: 5-1 “Angle Relationships” | #51 | Pg. 198-200  #2-30 even |
| Day 2: 5-2 “Parallel and Perpendicular Lines” | #52 | Pg. 204/205  #2-26 even |
| Day 3: 5-3 “Triangles” | #53 | Pg. 208-209  #2-36 even |
| Day 4: 5-4 “Coordinate Geometry” | #54 | Pg. 215-217  #2-26 even |
| Day 5**: Ready To Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #55 | Pg. 219 all and  Mastery Worksheet |
| Day 6: 5-5 “Congruence” | #56 | Practice Worksheet |
| Day 7: 5-6 “Transformations” | #57 | Practice and Mastery  Worksheets |
| Day 8: 5-7 “Similarity and Congruence  Transformations” | #58 | Pg. 233-235  #2-30 even |
| Day 9: 5-8 “Identifying Combined  Transformations” | #59 | Pg. 241-243  #2-22 even |
| Day 10: **Ready to Go On Quiz #2** & Real World  Connections; **Star Math** | #60 | pg. 245 all |
| Day 11: Study Review | #61 | Pg. 248-250 all |
| Day 12: Study Review Go Over | #62 | Study |
| Day 13: **Chapter Test**/ Test Tackler | #63 | **Are you ready? Ch. 6**  Pg. 257 all |

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| **Chapter 6 Topic: Measurement and Geometry Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.G.9 | Day 1: 6-1 “Circles” | #64 | Pg. 264/265  #2-30 even |
| Day 2: 6-2 “Volume of Prisms and Cylinders” | #65 | Pg. 270/271  #2-20 even |
| Day 3: **Ready To Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #66 | Pg. 273 all |
| Day 4: Hands on Lab “Finding Volume of Pyramids  and Cones” | #67 | Pg. 274/275 all |
| Day 5: 6-3 “Volume of Pyramids and Cones” | #68 | Practice Worksheet |
| Day 6: 6-4 “Spheres” | #69 | Pg. 284/285  #2-28 even |
| Day 7: “**Ready To Go On? Quiz #2**; Real World  Connection; **Star Math** | #70 | Pg. 287 all |
| Day 8: Game Time “Triple Concentration”  Pythagorean triples” | #71 | Pg. 288 |
| Day 9: Study Review | #72 | Pg. 290-292 all |
| Day 10: Study Review Go Over | #73 | Study |
| Day 11: **Chapter Test**/ Test Tackler | #74 | **Are you ready? Ch. 7**  Pg. 297 all |

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| **Chapter 7 Topic: Multi-Step Equations Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.EE.7 | Day 1: 7-1 “Simplifying Algebraic Expressions” | #75 | Pg. 302/303  #2-58 even |
| Day 2: 7-2 “Solving Multi-Step Equations” | #76 | Pg. 306 #2-30 even |
| Day 3: 7-2 “Solving Multi-Step Equations” | #77 | Practice and Mastery  Worksheets |
| Day 4: 7-3 “Solving Equations with Variables on  Both Sides” | #78 | Pg. 312/313  #2-26 even |
| Day 5: 7-3 “Solving Equations with Variables on  Both Sides” | #79 | Practice and Mastery  Worksheets |
| Day 6: **Ready To Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #80 | Pg. 317 all |
| Day 7: “Systems of Equations” | #81 | Pg. 320/321  #2-42 even |
| Day 8: **Ready To Go On? Quiz #2**; Real World  Connections; **Star Math** | #82 | Pg. 323 all |
| Day 9: Game Time “Tran-Plants” | #83 | Pg. 324 all |
| Day 10: Study Review | #84 | Pg. 326-328 all |
| Day 11: Study Review Go Over | #85 | Study |
| Day 12: **Chapter Test**/ Test Tackler | #86 | **Are you ready? Ch. 8**  Pg. 335 all |

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| **Chapter 8 Topic: Graphing Lines Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.F.5  CC.8.EE.6  CC.8.EE.5  CC.8.F.4  CC.8.F.3  CC.8.EE.8 | Day 1: 8-1 “Graphing Linear Equations” | #87 | Pg. 341/342  #2-34 even |
| Day 2: 8-2 “Slope of a Line” | #88 | Pg.347-349  #2-26 even |
| Day 3: 8-2 “Slope of a Line” | #89 | Practice and Mastery  Worksheets |
| Day 4: 8-3 “Using Slopes and Intercepts” | #90 | Practice Worksheet |
| Day 5: 8-4 “Point-Slope Form” | #91 | Pg. 358/359  #2-30 even |
| Day 6: **Ready to Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #92 | Pg. 361 all |
| Day 7: 8-5 “Direct Variation” | #93 | Pg. 365/366  #2-26 even |
| Day 8: 8-6 “Solving Systems of Linear Equations by  Graphing” | #94 | Practice Worksheet |
| Day 9: **Ready to Go On Quiz #2** & Real World  Connections; **Star Math** | #95 | Pg. 373 all |
| Day 10: Study Review | #96 | Pg. 376-378 all |
| Day 11: Study Review Go Over | #97 | Study |
| Day 12: **Chapter Test**/ Test Tackler | #98 | **Are you ready? Ch. 9**  Pg. 383 all |

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| **Chapter 9 Topic: Data, Prediction, and Linear Functions Grade: 8** | | | |
| **Standards** | **Section** | **Starter /Remedial** | **Classwork/ Homework** |
| CC.8.SP.1  CC.8.SP.3  CC.8.SP.2  CC.8.SP.4  CC.8.F.1  CC.8.F.2 | Day 1: 9-1 “Scatter Plots” | #99 | Pg. 388/389 all |
| Day 2: 9-2 “Linear Best Fit Model” | #100 | Pg. 392/393 all |
| Day 3: Extension “Patterns in Two-Way Tables | #101 | Pg. 396/397 all |
| Day 4: **Ready To Go On? Quiz #1**; Focus on  Problem Solving; **Star Math** | #102 | Pg. 399 all |
| Day 5: 9-3 “Linear Functions” | #103 | Practice Worksheet |
| Day 6: 9-4 “Comparing Multiple Representations” | #104 | Practice Worksheet |
| Day 7: **Ready to Go On Quiz #2** & Real World  Connections; **Star Math** | #105 | Pg. 409 all |
| Day 8: Game Time; Mastery Worksheets; **Star**  **Math** | #106 | Pg. 410 all |
| Day 9: Study Review | #107 | Pg. 412-414 all |
| Day 10: Study Review Go Over | #108 | Study |
| Day 11: **Chapter Test**/ Test Tackler | #109 | **Assessment Prep.** |