

2022-2023 Rock Hill School District Gifted & Talented Curriculum Map

Math - 3rd, 4th, & 5th Grades

| 5th Grade Mathematics | First Semester | Second Semester |
|--------------------------------|---|--|
| SC Gifted Goals and Objectives | Goal 1, Goal 2a, 2b, Goals 3a.5, 3a.6, 3a.8, Goal 4a.1, 4b, Goal 5b | |
| SC Grade Level Standards | 5.MDA.3a, 3b, 3c, 4, 5.ATO.1, 2 | 5.ATO.1, 2, 5.NSF.1, 2, 4a, 4b, 4c, 5a, 5b, 5c, 5d, 6, 7, 8 |
| GT Common Resource Math | 1) M3: 10th St. Pet Sanctuary 2) Jacob's Ladder Book 3: Mass, Volume, Density | 1) Hands on Equations, Lessons 17-24 2) Hands on Equations Fractions |
| GT District Supplemental Math | 1) Navigating Through Measurement Ch 2, Perimeter, Area, Volume 2) Navigating Through Geometry Ch 1 Characteristics & Properties of Shapes 3) Navigating Through Numbers and Operations Ch 2 | 1) Navigating Through Algebra Ch 3, 4 2) Navigating Data Analysis/Algebra |
| GT Strategies/Models | Open Ended Problems, Student Developed Math Problems, Simulations, Problem Based Inquiry, Allowing Use of Mental Math, Write About Math, Provide Explanation and Reasoning, Critique the Reasoning of Others, Evaluate Models, Construct and Justify a Solution | |

| 4th Grade Mathematics | First Semester | Second Semester |
|--------------------------------|---|--|
| SC Gifted Goals and Objectives | Goal 1, Goal 2a, 2b, Goals 3a.5, 3a.6, 3a.8, Goal 4a.1, 4b, Goal 5b | |
| SC Grade Level Standards | 4.NSBT.1, 2, 3, & 4, 4.ATO.1, 3, 4 & 5 | 4.ATO.1, 2, 3, 4 & 5, 4.NSBT.4, 5, 6, 4.MDA.1, & 4 |
| GT Common Resource Math | 1) M3: Factors, Multiples, & Leftovers | 1) Hands on Equations, Lessons 8-16 2) Hands on Equations Verbal Introductory Workbook pages 13-21 |
| GT District Supplemental Math | https://www.mathplayground.com/AlgebraEquations.html | 1) M3: At the Mall with Algebra 2) Navigating through Data Analysis/Algebra 3) Jacob's Ladder Book 2: The Metric System vs. The U.S. Customary Systems |
| GT Strategies/Models | Open Ended Problems, Student Developed Math Problems, Simulations, Problem Based Inquiry, Allowing Use of Mental Math, Write About Math, Provide Explanation and Reasoning, Critique the Reasoning of Others, Evaluate Models, Construct and Justify a Solution | |

| 3rd Grade Mathematics | First Semester | Second Semester |
|--------------------------------|---|--|
| SC Gifted Goals and Objectives | Goal 1, Goal 2a, 2b, Goals 3a.5, 3a.6, 3a.8, Goal 4a.1, 4b, Goal 5b | |
| SC Grade Level Standards | 3.MDA.3, 3.ATO.8 & 9, 3NBST.1, 2, 4, & 5 | 3.ATO.3, 6, & 8, 3.G.1 & 4 |
| GT Common Resource Math | 1) M3: Unraveling the Mystery of the MoLi Stone 2) Jacob's Ladder Book 2: Graphic Ice Cream | 1) Hands on Equations, Lessons 1-7 2) Hands on Equations Verbal Problems Introductory Workbook pages 1-12 |
| GT District Supplemental Math | 1) Jacob's Ladder 3: What's The Chance | 1) M3: Awesome Algebra 2) Jacob's Ladder Book 1: Geometry All Around Us |
| GT Strategies/Models | Open Ended Problems, Student Developed Math Problems, Simulations, Problem Based Inquiry, Allowing Use of Mental Math, Write About Math, Provide Explanation and Reasoning, Critique the Reasoning of Others, Evaluate Models, Construct and Justify a Solution | |