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| **Standards for Mathematical Practice***All units will include the Mathematical Practices and indicate skills to maintain.* **1** Make sense of problems and persevere in solving them.  **5** Use appropriate tools strategically.  **2** Reason abstractly and quantitatively.  **6** Attend to precision.  **3** Construct viable arguments and critique the reasoning of others. **7** Look for and make use of structure.  **4** Model with mathematics. **8** Look for and express regularity in repeated reasoning.  |
| **Unit 1** *(4 – 5 weeks)***Relationships Between Quantities and Expressions MGSE9-12.N.RN.2 MGSE9-12.N.RN.3 MGSE9-12.N.Q.1 MGSE9-12.N.Q.2 MGSE9-12.N.Q.3 MGSE9-12.A.SSE.1 MGSE9-12.A.SSE.1a MGSE9-12.A.SSE.1b MGSE9-12.A.APR.1** **Unit 2** *(4 – 5 weeks)***Reasoning with Linear Equations and Inequalities MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.A.CED.3 MGSE9-12.A.CED.4 MGSE9-12.A.REI.1 MGSE9-12.A.REI.3 MGSE9-12.A.REI.5 MGSE9-12.A.REI.6 MGSE9-12.A.REI.10 MGSE9-12.A.REI.11 MGSE9-12.A.REI.12 MGSE9-12.F.BF.1 MGSE9-12.F.BF.1a MGSE9-12.F.BF.2 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.3 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7a MGSE9-12.F.IF.9** **Unit 3** *(6 – 7 weeks)***Modeling and Analyzing Quadratic Functions MGSE9-12.A.SSE.2 MGSE9-12.A.SSE.3 MGSE9-12.A.SSE.3a MGSE9-12.A.SSE.3b MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.A.CED.4 MGSE9-12.A.REI.4 MGSE9-12.A.REI.4a MGSE9-12.A.REI.4b MGSE9-12.F.BF.1 MGSE9-12.F.BF.3 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7a MGSE9-12.F.IF.8 MGSE9-12.F.IF.8a MGSE9-12.F.IF.****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Unit 4** *(5 – 6 weeks)***Modeling and Analyzing Exponential Functions MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.F.BF.1 MGSE9-12.F.BF.1a MGSE9-12.F.BF.2 MGSE9-12.F.BF.3 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.3 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7e MGSE9-12.F.IF.9** **Unit 5** *(4 – 5 weeks)***Comparing and Contrasting Functions MGSE9-12.F.LE.1 MGSE9-12.F.LE.1a MGSE9-12.F.LE.1b MGSE9-12.F.LE.1c MGSE9-12.F.LE.2 MGSE9-12.F.LE.3 MGSE9-12.F.LE.5 MGSE9-12.F.BF.3 MGSE9-12.F.IF.1 MGSE9-12.F.IF.2 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.6 MGSE9-12.F.IF.7 MGSE9-12.F.IF.9** **Unit 6** *(4 – 5 weeks)***Describing Data MGSE9-12.S.ID.1 MGSE9-12.S.ID.2 MGSE9-12.S.ID.3 MGSE9-12.S.ID.5 MGSE9-12.S.ID.6 MGSE9-12.S.ID.6a MGSE9-12.S.ID.6c MGSE9-12.S.ID.7 MGSE9-12.S.ID.8 MGSE9-12.S.ID.9**  | **1st semester** |
| **2nd Semester** |

**Laurens County Schools Algebra I Curriculum Map**

