

**Laurens County Schools Algebra II Curriculum Map**

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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** *(3 – 4 weeks)* **Quadratics Revisited MGSE9-12.N.CN.1 MGSE9-12.N.CN.2 MGSE9-12.N.CN.3 MGSE9-12.N.CN.7 MGSE9-12.N.CN.8 MGSE9-12.A.REI.4 MGSE9-12.A.REI.4b MGSE9-12.N.RN.1 MGSE9-12.N.RN.2** **Unit 2** *(3 – 4 weeks)* **Operations with Polynomials MGSE9-12.A.APR.1 MGSE9-12.A.APR.5 MGSE9-12.A.APR.6 MGSE9-12.F.BF.1 MGSE9-12.F.BF.1b MGSE9-12.F.BF.1c MGSE9-12.F.BF.4 MGSE9-12.F.BF.4a MGSE9-12.F.BF.4b MGSE9-12.F.BF.4c** **Unit 3** *(4 – 5 weeks)* **Polynomial Functions MGSE9-12.N.CN.9 MGSE9-12.A.SSE.1 MGSE9-12.A.SSE.1a MGSE9-12.A.SSE.1b MGSE9-12.A.SSE.2 MGSE9-12.A.APR.2 MGSE9-12.A.APR.3 MGSE9-12.A.APR.4 MGSE9-12.F.IF.4 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7c** **Unit 4** *(5 – 6 weeks)* **Rational & Radical Relationships MGSE9-12.A.APR.7 MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.A.REI.2 MGSE9-12.F.IF.4 MGSE9-12.F.IF.5 MGSE9-12.F.IF.7 MGSE9-12.F.IF.7b MGSE9-12.F.IF.7d** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Unit 5** *(4 – 5 weeks)* **Exponential & Logarithms MGSE9-12.A.SSE.3 MGSE9-12.A.SSE.3c MGSE9-12.F.IF.7 MGSE9-12.F.IF.7e MGSE9-12.F.IF.8 MGSE9-12.F.IF.8b MGSE9-12.F.BF.5 MGSE9-12.F.LE.4** **Unit 6** *(4 – 5 weeks)* **Mathematical Modeling MGSE9-12.A.SSE.4 MGSE9-12.A.CED.1 MGSE9-12.A.CED.2 MGSE9-12.A.CED.3 MGSE9-12.A.CED.4 MGSE9-12.A.REI.11 MGSE9-12.F.IF.6 MGSE9-12.F.IF.9 MGSE9-12.F.BF.3** **Unit 7** *(3 – 4 weeks)* **Inferences and Conclusions from Data MGSE9-12.S.ID.2 MGSE9-12.S.ID.4 MGSE9-12.S.IC.1 MGSE9-12.S.IC.2 MGSE9-12.S.IC.3 MGSE9-12.S.IC.4 MGSE9-12.S.IC.5 MGSE9-12.S.IC.6**  | **1st semester** |
| **2nd Semester** |

