<table>
<thead>
<tr>
<th><strong>Cobb County School District</strong></th>
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<tbody>
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<td><strong>College Readiness Mathematics Teaching &amp; Learning Framework</strong></td>
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<tr>
<th>Unit 1</th>
<th>Unit 2</th>
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**Algebraic Expressions**

- MGSE9.-12.N.Q.1
- MGSE9.-12.A.SSE.1
- MGSE9.-12.A.SSE.3

**Equations**

- MGSE9.-12.N.Q.1
- MGSE9.-12.A.SSE.1
- MGSE9.-12.A.SSE.3

**Measurement & Proportional Reasoning**

- MGSE9.-12.N.Q.2
- MGSE9.-12.G.MD.1
- MGSE9.-12.G.MD.3

**Linear Functions**

- MGSE9.-12.A.CED.2
- MGSE9.-12.F.IF.7
- MGSE9.-12.F.IF.9

**Linear System of Equations**

- MGSE9.-12.A.CED.2
- MGSE9.-12.A.CED.3
- MGSE9.-12.A.CED.4

**Quadratic Functions**

- MGSE9.-12.A.SSE.1
- MGSE9.-12.A.SSE.1a
- MGSE9.-12.A.SSE.2

**Exponential Functions**

- MGSE9.-12.A.SSE.3
- MGSE9.-12.A.SSE.3a
- MGSE9.-12.A.SSE.3b

**Summarizing & Interpreting Statistical Data**

- MGSE9.-12.S.ID.1
- MGSE9.-12.S.ID.2
- MGSE9.-12.S.ID.3

These units were written to build upon concepts from prior units, so later units contain tasks that depend upon the concepts addressed in earlier units. All units will include the Mathematical Practices and indicate skills to maintain.
NOTE: Mathematical standards are interwoven and should be addressed throughout the year in as many different units and topics as possible in order to stress the natural connections that exist among mathematical topics.

Grades 9-12 Key: 
- **Algebra Strand**: SSE = Seeing Structure in Expressions, APR = Arithmetic with Polynomial and Rational Expressions, CED = Creating Equations, REI = Reasoning with Equations and Inequalities
- **Functions Strand**: IF = Interpreting Functions, LE = Linear and Exponential Models, BF = Building Functions, TF = Trigonometric Functions
- **Geometry Strand**: CO = Congruence, SRT = Similarity, Right Triangles, and Trigonometry, C = Circles, GPE = Expressing Geometric Properties with Equations, GMD = Geometric Measurement and Dimension, MG = Modeling with Geometry