Richmond County School System
Learning today...Leading tomorrow

Seventh Grade Curriculum Map

In Grade 7, instructional time should focus on **four** critical areas: (1)developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

Semester 1

Click on the link in the table to view a video that shows instructional strategies for teaching the specified standard.

Unit 1	Buffer	Unit 2	Buffer	Unit 3
Operations with Rational Numbers		Expressions and Equations		Ratios and Proportional Relationships
6 weeks	1 week	5 weeks	1 week	5 weeks
Priority Standards MGSE7.NS.1, 1a-d MGSE7.NS.2, 2a-d **Supporting Standard** MGSE7.NS.3	Assessment Enrichment Remediation	**Priority Standards** MGSE7.EE.1 MGSE7.EE.2 MGSE7.EE.3 MGSE7.EE.4, 4a-c **Supporting Standard** MGSE7.NS.1 MGSE7.NS.2	Assessment Enrichment Remediation	**Priority Standards** MGSE7.RP.1 MGSE7.RP.2, 2a-d MGSE7.RP.3 MGSE7.G.1

Supporting Standards are "*those standards that support, connect to, or enhance the Priority Standards. They are taught within the context of the Priority Standards, but do not receive the same degree of instruction and assessment emphasis as do the Priority Standards.* (Ainsworth, 2013, p. xv)

Mathematical content standards are interwoven and should be addressed throughout the year in as many different units and tasks as possible in order to stress the natural connections that exist among mathematical topics. All units will include the Standards of Mathematical Practices. **At minimum, Mathematical Practices 1 and 6 should be evident in every lesson.**

Please note the sequence has been revised from the Georgia Department of Education to meet the instructional needs of RCSS.
All units must be taught before RCSS year-end standardized testing.

Grades 7: NS = The Number Systems, G = Geometry, RP=Ratios and Proportional Reasoning, EE = Expressions and Equations, SP = Statistics and Probability

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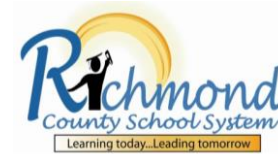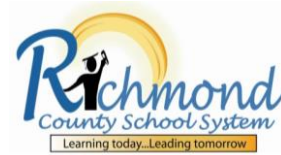<tr><td></td></tr>
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> **Spiral Review:** During **Number Talks**, routine topics such as operations with integers should be addressed with strategies throughout the entire year. Solving one- and two- algebraic equations should be incorporated throughout the year, as well.

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Semester 2

Click on the link in the table to view a video that shows instructional strategies for teaching the specified standard.

Unit 4	Buffer	Unit 5	Unit 6	Buffer	Unit 7
Geometry		Inferences	Probability		8th Grade Preview
6 weeks	**1 week**	**3 weeks**	**3 weeks**	**1 week**	**4 weeks**
Priority Standards MGSE7.G.2 MGSE7.G.3 MGSE7.G.4 MGSE7.G.5 MGSE7.G.6 **Supporting Standards** MGSE7.G.1 *explicitly taught during unit 3*	Assessment Enrichment Remediation	**Priority Standards** MGSE7.SP.1 MGSE7.SP.2 MGSE7.SP.3 MGSE7.SP.4	**Priority Standards** MGSE7.SP.5 MGSE7.SP.6 MGSE7.SP.7, 7a-b MGSE7.SP.8. 8a-b MGSE7.SP.8c	Assessment Enrichment Remediation	**Priority Standards** MGSE8.EE.1 MGSE8.EE.2 MGSE8.EE.3 MGSE8.EE.4 MGSE8.EE.5 MGSE8.EE.6 MGSE8.NS.1 MGSE8.NS.2

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