



CPS Mathematics Department

SY 20-21 Grade 7 Scope and Sequence

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.

Unit IM Link	Title <i>*Grade 7 Prioritized Units</i>	Number of Days	Dates	Standards (Prioritize Standards are Bolded)
Unit 0	Grade 7 <i>Introduction</i>	2 weeks	Sept 16- Sept 30	Community Building, Norms, and Developing Math Identity
Unit 1	GRADE 7 <i>Scale Drawings</i>	4-5 weeks	Oct 1- Oct 30	7.G.A.1, 7.G.B.6
Unit 2	GRADE 7 <i>Proportional Relationships</i>	4-5 weeks	Nov 2- Dec 4	7.RP.A.2.a, 7.G.B.6, 7.RP.A.2.b, 7.RP.A.1, 7.RP.A.2 7.RP.A.2 7.RP.A.2.c
Unit 3	GRADE 7 <i>Measuring Circles</i>	2-3 weeks	Dec 7- Dec 23	7.RP.A.2.a
Unit 4	GRADE 7 <i>Proportional Relationships</i>	5 weeks	Jan 4- Feb 5	7.RP.A.1 7.RP.A.3 7.RP.A.2
Unit 5	GRADE 7 <i>Rational Number Arithmetic</i>	4 weeks	Feb 8- March 12	7.NS.A.1, 7.NS.A.2, 7.NS.A.1a, 7.NS.A.2a, 7.NS.A.1b, 7.NS.A.2b, 7.NS.A.1c, 7.NS.A.2c 7.NS.A.1d 7.NS.A.3



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Unit 6	GRADE 7 <i>Expressions, Equations and Inequalities</i>	5 weeks	Mar 15- Apr 16	7.EE.A.1 7.EE.A.2 7.EE.A.3	7.EE.B.4, 7.EE.B.4a, 7.EE.B.4b
Unit 7	GRADE 7 <i>Angles, Triangles, Prisms</i>	3 weeks	Apr 26- May 14	7.G.A.2 7.G.A.3	7.G.B.5 7.G.B.6
Unit 8	GRADE 7 <i>Probability and Sampling</i>	3 weeks	May 17- June 4	7.SP.A.1 7.SP.A.2 7.SP.B.3 7.SP.B.4 7.SP.C.5 7.SP.C.6 7.SP.C.7	7.SP.C.7a, 7.SP.C.7b, 7.SP.C.8, 7.SP.C.8a, 7.SP.C.8b, 7.SP.C.8c 7.NS.A.2d
Unit 9	End of Year Projects and Portfolios	Time Permitting	June		