WPS 7th Grade Scope and Sequence

Date	Lessons	Standards	Topic	Assessments	Notes	Accelerated Class
Week 1	N/A	Review	**Review**	SMI	SMI Testing, Routines, Structure,	
Week 2	1.1-1.2	**7.NS.1 7.NS.1b 7.NS.1d**	**Adding and Subtracting Integers,**		**MAJOR CLUSTERS**	**Same pace, increased rigor (until week 31 when the class moves onto 8th Grade Standards)**
Week 3	1.3-1.4	**7.NS.1c 7.NS.3**	**Applying addition and subtraction of Integers to problem solving**	**Unit 1 Assessment**	**MAJOR CLUSTERS**	
Week 4	2.1-2.2	**7.NS.2 7.NS.2a**	**Multiplying and Dividing Integers**		**MAJOR CLUSTERS**	
Week 5	2.3-3.1	**7.NS.2a 7.NS.2c 7.NS.3 7.NS.2b 7.NS.2d**	**Apply Integer Operations to solve problems, Convert Fractions and Mixed Numbers to Decimals**	**Unit 2 Assessment**	**MAJOR CLUSTERS**	
Week 6	3.2-3.3	**7.NS.1a, 7.NS.1b 7.NS.1d 7.NS.3 7.NS.1**	**Add Rational Numbers, Subtract Rational Numbers**		**MAJOR CLUSTERS**	

		7.NS.1c			
Week 7	3.3-3.5	7.NS.1 7.NS.1c 7.NS.2 7.NS.2a 7.NS.2b 7.NS.2c	**Subtract Rational Numbers,** **Multiply Rational Numbers,** **Divide Rational Numbers**		**MAJOR CLUSTERS**	
Week 8	3.5-3.6	7.NS.2 7.NS.2b 7.NS.2c 7.NS.3 7.EE.3	**Divide Rational Numbers,** **Use Rational Numbers to Solve problems**	**Unit 3 Assessment**	**MAJOR CLUSTERS**	
Week 9	4.1-4.2	7.RP.1 7.RP.2. 7.RP.2a 7.RP.2b 7.RP.2c	**Calculate and use Unit Rate to solve problems,** **Identify and represent proportional relationships. (Constant rate of change)**		**MAJOR CLUSTERS**	
Week 10	4.3	7.RP.2a. 7.RP2b, 7.RP.2c, 7.RP.2d	**Use graphs to represent & analyze proportional relationships**	**Unit 4 Assessment**	**MAJOR CLUSTERS**	
Week 11	5.1-5.2	7.RP.3 7.EE.2 7.EE.3	**Use percent to describe change** **Use percent to calculate sale prices**		**MAJOR CLUSTERS**	

Week 12	5.3	7.RP.3 7.EE.3	Use percent to solve problems	Unit 5 Assessment	MAJOR CLUSTERS	
Week 13	6.1-6.2	7.EE.1 7.EE.2 7.EE.4	Add, subtract, factor & multiply Algebraic Expressions Solve one step equations with rational coefficients		MAJOR CLUSTERS	
Week 14	6.3-6.4	7.EE.4	Write & Solve two step equations	Unit 6 Assessment	MAJOR CLUSTERS	
Week 15	7.1-7.3	7.EE.4 7.EE.4b	Write & Solve One Step Inequalities, Write & Solve Two Step Inequalities	Unit 7 Assessment	MAJOR CLUSTERS	
Week 16	8.1-8.2	7.G.1 7.G.2	Use scale drawings to solve problems Draw shapes to satisfy given conditions and determine properties of a triangle.		Additional Clusters	
Week 17	8.3-8.4	7.G.3 7.G.5	Identify cross sections of 3 dimensional figures, Use angles to solve problems	Unit 8 Assessment	Additional Clusters	

Week 18	9.1-9.2	7.G.4	**Find circumference of a circle** **Find the area of a circle**		**Additional Clusters** Circles are no longer covered in 6th grade so a couple extra days may be required for 7.G.4	
Week 19	9.2-9.3	**7.G.4**	**Find the area of a circle** **Find the area of composite figures**		**Additional Clusters**	
Week 20	9.4-9.5	7.G.6	**Find the Surface Area of 3 dimensional figures.** **Solve Volume problems**	**Unit 9 Assessment**	**Additional Clusters** Need a full week on this standard, therefore the Unit Test will be taken the following week.	
Week 21	10.1-10.2	7.SP.1 7.SP.2	**Examine a sample of a population to draw conclusions about the population** **Use data from a random sample to make inferences about the population**		**Supporting Clusters**	
Week 22	10.2-10.3	7.SP.2	**Use data from a random sample to make inferences about the population** **Generate & use random samples**	**Unit 10 Assessment**	**Supporting Clusters**	

Week					
			to represent populations		
Week 23	11.1-11.2	7.SP.4 7.SP.3	Compare sets of data using measures of center and variability from data displayed in BoxPlots Compare two sets of data displayed in Box Plots		Additional Clusters
Week 24	11.2-11.3	7.SP.3	Compare two sets of data displayed in Box Plots Use statistical measures to compare populations	Unit 11 Assessment	Additional Clusters
Week 25	12.1-12.2	7.SP.5 7.SP.6	Describe the likelihood of an event as a number between zero and 1. Find experimental probability of a simple event		Supporting Clusters
Week 26	12.3-12.4	7.SP.8a,b, c 7.SP.6	Find the experimental probability of a compound event Find the probability of a chance event & predict its		Supporting Clusters

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			approximate frequency			
Week 27	12.4-13.1	**7.SP.6 7.SP.7a**	**Find the probability of a chance event & predict its approximate frequency** **Find the theoretical probability of a simple event**	**Unit 12 Assessment**	**Supporting Clusters**	
Week 28	13.1-13.2	**7.SP.8a,b 7.SP.7a**	**Find the theoretical probability of a simple event** **Find the theoretical probability of a compound event**		**Supporting Clusters** **Spend most of the week on Compound Events because simple events were introduced in the week prior.**	

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Week 29	13.3-13.4	**7.SP.6, 7.SP.7a 7.SP.8, 7.SP.8c**	**Make predictions with theoretical probability** **Design and use a simulation to**		**Supporting Clusters**	

			generate frequencies for compound events using a calculator or computer			
Week 30	13.4	7.SP.8 7.SP.8c	Design and use a simulation to generate frequencies for compound events using a calculator or computer	Unit 13 Assessment	Supporting Clusters	
Week 31		7.NS 7.RP	MCAS Review		MAJOR CLUSTERS	Move onto 8th grade standards 8.F.A.1, 8.F.A.2
Week 32		7.EE 7.G 7.SP	MCAS Review		MAJOR CLUSTERS And Supporting Clusters (for MCAS Review)	8th grade standards 8.F.A.2, 8.F.A.3
Week 33		7.NS 7.RP 7.EE	MCAS Review	MCAS Test	MAJOR CLUSTERS	MCAS Review
Week 34		7.NS 7.RP 7.EE	Additional Practice on Major Clusters before entering Grade 8		MAJOR CLUSTERS	8th grade standards 8.F.A.2, 8.F.A.3
Week 35		7.SP	Work on Projects for Probability Fair		Supporting Clusters (for Probability Projects)	8th grade standards 8.F.A.3, 8.F.A.4
Week 36		7.SP	Work on Projects for Probability Fair and Present Projects		Supporting Clusters (for Probability Projects)	8th grade standards 8.F.A.4, 8.F.A.5