

Ben ch- mar k	Power Stand- ard	Unit 1 Place Value and Powers of 10	New Missouri Learning Standard	Common Core Standard	Go Math Resour ce	Engage NY Resources
		Teaching Window: 8/27-9/14 Testing Window: 9/17-9/21 Mastery Connect Window: 9/17-10/1				
5.1	*	I can read, write, and identify numbers from billions to thousandths using word form, base ten numerals, and expanded form.	5.NBT.A.1	5.NBT.3.a	1.1 1.2 3.2	Module 1 A Lesson 1
5.2	*	I can round numbers to any place value from billions to thousandths place.	5.NBT.A.5	5.NBT.4	3.4 3.7	Module 1 C Lesson 7-8
5.3		I can compare two numbers from billions to thousandths using the symbols $>$, $=$ or $<$, and justify the solutions.	5.NBT.A.2	5.NBT.3b	3.3	Module 1B Lesson 6
5.4	*	I can evaluate the value of the powers of 10 and understand the relationship to the place value system.	5.NBT.A.3 5.NBT.A.4	5.NBT.1 5.NBT.2	1.1-.3 1.5 4.1 5.1	Module 1A Lesson 4-6
		Unit 2 Number Operations				
		Teaching Window: 9/24-10/12 Test Window: 10/15-10/26 Mastery Connect Window: 10/15-11/2				
5.5	*	I can add and subtract multi-digit whole numbers and decimals to the thousandths place and justify the solution.	5.NBT.A.6	5.NBT.7	3.1 3.5-.9 3.12 ch. 4-8	Module 1D Lesson 9-10
5.6		I can multiply multi-digit whole numbers and justify the solution.	5.NBT.A.7	5.NBT.7	ch. 4 1.6-.9	Module 1 E Lesson 11-12
5.7		I can divide multi-digit whole numbers using up to two-digit divisors and four-digit dividends, and justify the solution.	5.NBT.A.8	5.NBT.7	ch. 5 1.8-.9 2.1-.9	Module 1F Lessons 13-16
		Unit 3 Fractions and Decimals Operations				
		Teaching Window: 10/25-12/14 Test Window: 12/17-12/21 Mastery Connect Window: 12/17-1/7				
5.8		I can understand that parts of a whole can be expressed as fractions and/or decimals.	5.NF.A.1	5.NF	5.1	Super Math Packet
5.9		I can convert decimals to fractions and fractions to decimals.	5.NF.A.2	5.NF	N/A	
5.10	*	I can simplify fractions and replace existing fractions with equivalent fractions	5.NF.B.6	5.NF		
5.11	*	I can solve problems involving addition and subtraction of fractions and mixed numbers with unlike denominators, and justify the	5.NF.B.6	5.NF 5.NF.1 5.NF.2	Ch. 6 *6.9	

		solution.				
5.12		I can estimate results of sums, differences and products with fractions and decimals to the thousandths.	5.NF.B.4	5.NF.2	1.7 2.5 5.3 6.3	Mod 1 Topic D Mod
5.13	*	I can compare and order fractions and/or decimals to the thousandths place using the symbols $>$, $=$ or $<$, and justify the solution.	5.NF.A.3	5.NBT.3b	3.3 6.4 7.5-.6	Mod 1 Topic C
5.14	*	I can multiply multi-digit decimals to the hundredths place, and divide using up to two-digit divisors and four-digit dividends, and justify the solution.	5.NBT.A.7 5.NBT.A.8	5.NBT.7	ch. 4 1.6-.9 ch. 5 1.8-.9 2.1-.9	Mod 2 Topic E - G
PE		Performance Event 1 Testing Window: 12/3-12/7 Mastery Connect Window: 12/3-12/14	5.NF.A.2 5.NF.B.6			
		Unit 4 Multiplication and Division of Fractions				
		Teaching Window: 1/14-1/30 Test Window: 1/30-2/7 Mastery Connect Window: 1/31-2/14				
5.15	*	I can justify the reasonableness of a product when multiplying with fractions. <ul style="list-style-type: none"> Estimate the size of the product based on the size of the two factors Explain why multiplying a given number by a fraction greater than 1 results in a product larger than the given number Explain why multiplying a given number by a fraction less than one results in a product smaller than the given number Explain why multiplying the numerator and denominator by the same number is equivalent to multiplying the fraction by 1 	5.NF.B.5	5.NF.4a 5.NF.6	ch. 7	Mod 4 Topic E
5.16		I can calculate and interpret the product of two fractions and a fraction and a whole number and justify the solution.	5.NF.B.7b 5.NF.B.7c		7.7	Mod 4 Topic E
5.17	*	I can calculate and interpret the quotient of a unit fraction by a non-zero whole number and calculate and interpret the quotient of a whole number by a unit fraction.	5.NF.B.8a 5.NF.B.8b	5.NF.7c 5.NF.7a	Ch.8	Mod 4 Topic F

		Unit 5 Number Patterns				
		Teaching Window: 2/5-3/8 Test Window: 3/11-3/15 Mastery Connect Window: 3/11-3/25				
5.18		I can translate written expressions into algebraic expressions.	5.RA.B.4	5.OA.1	1.10 1.11 1.12	Module 6 Topic F
5.19	*	I can write a rule to describe or explain a given numeric pattern.	5.RA.A.2		3.10-11 6.8 9.5-6	Mod 6 Topic B
5.20		I can solve and justify multi-step problems involving variables, whole numbers, fractions and decimals.	5.RA.C.5	5.OA.3	1.11-12 3.11 5.8 6.9 7.10 8.2	Mod 3 Topic D
5.21	*	I can write, evaluate and interpret numerical expressions using the order of operations.	5.RA.B.3	5.OA.1	1.10-12	Mod 4 Topic D
PE		Performance Event 2 Testing Window: 2/19-2/22 Mastery Connect Window: 2/19-3/5	5.NF.B.5 5.NF.B.7b 5.NF.B.7c 5.NF.B.7a 5.NF.B.8a 5.NF.B.8b			
		Unit 6 Geometry				
		Teaching Window: 3/25-5/6 Test Window: 5/6-5/10 Mastery Connect Window: 5/6-5/23				
5.22		I can convert measurements of capacity, length and weight within a given measurement system. (standard)	5.GM.D.8		ch.10 not 10.7	Mod 2D Lesson 13-15
5.23		I can convert measurements of capacity, length and weight within a given measurement system. (metric)	5.GM.D.8			Mod 2 Topic D
5.24		I can solve multi-step problems that require measurement conversions.	5.GM.D.9		ch. 10 *10.4	Module 2 Topic D Lesson 15
5.25	*	I can understand that attributes belonging to a category of figures also belong to all sub categories and classify figures based on properties. I can analyze and describe the properties of prisms and pyramids.	5.GM.A.1 5.GM.A.2 5.GM.A.3		11.1-4	
5.26	*	I can find the area of regular and irregular shapes as well as recognize the relationship between multiplying fractions and finding the areas with fractional side lengths.	5.NF.B.7. A		7.7	Mod 4 Topic E

5.27	*	I can recognize that volume is measured in cubic units and apply the formulas $V=l \times w \times h$ and $V= B \times h$ for volume of right rectangular prisms with whole-number edge lengths.	5.GM.B.4 5.GM.B.5		11.5-.10	Mod 5 Topic A
		Science Unit 1 Data and Coordinates				
		Teaching Window: 8/27-9/21 Test Window: 9/24-9/27 Mastery Connect Window: 9/24-10-8				
5.28		I can create a line graph to represent a data set, and analyze the data to answer questions and solve problems.	5.DS.A.1		9.3-.4 9.8	Module 6
5.29		I can create a line plot to represent a given or generated data set, and analyze the data to answer questions and solve problems, recognizing the outliers and generating the mode, median, mean, and range.	5.DS.A.2		9.1 9.3 9.8	Module 6
5.30	*	I can plot, label, interpret, and demonstrate the relationship between two numeric patterns on a Cartesian coordinate plane.	5.RA.A.1 5.GM.C.6 5.GM.C.7		9.1-.3 9.8	Module 6
		Fluency				
		Teaching Window: all year Test Window: all year Mastery Connect Window: N/A				
5.31		I can solve 100 addition and subtraction problems with 95% accuracy in under 5 minutes.	N/A		N/A	
5.32		I can solve 100 multiplication and division problems with 95% accuracy in under 5 minutes.	N/A		N/A	
5.33		I can solve 100 addition, subtraction, multiplication, and division problems with 95% accuracy in under 5 minutes.	N/A		N/A	