

Bench-mark	Power Standard	Unit 1 - Number System 1	New Missouri Learning Standard	Common Core Standard	Go Math Resource	Engage NY Resources
		Teaching Window: Aug. 15-Sept. 15 Test Window: Sept.24-28 Mastery Connect Window: Sept. 24-Oct. 8				
Fluency		Addition, subtraction, multiplication, and division fluency 100 problems 95% accuracy 5 minutes				
6.1		I can fluently divide multi-digit numbers using the standard algorithm	6.NS.B.2	6.NS.B.2	1.1	Module 2
6.2		I can find the greatest common factor of two whole numbers including using the distributive property.	6.NS.B.4	6.NS.B.4	1.4	Module 2
6.3		I can find the least common multiple of two whole numbers including using the distributive property.	6.NS.B.4	6.NS.B.4	1.3	Module 2
6.4		I can add and subtract multi-digit decimals using the standard algorithm	6.NS.B.3	6.NS.B.3	1.6	Module 2
6.5		I can multiply and divide multi-digit decimals using the standard algorithm	6.NS.B.3	6.NS.B.3	1.7, 1.9	Module 2
6.6		I can compare and order fractions and decimals	6.NS.C.6a	6.NS.C.7a	2.2	Module 2
6.7		I can divide a fraction by a fraction	6.NS.A.1a	6.NS.A.1	2.7	
		Unit 2 – Ratio and Proportion				
		Teaching Window: Oct. 1-Nov. 12 Test Window: Nov. 13-16 Mastery Connect Window: Nov. 13-27				
6.8	*	I can understand and describe quantities using positive and negative integers and understand the value of zero	6.NS.C.5 6.NS.C.6c	6.NS.C.5 6.NS.C.6c	3.1	Module 3
6.9		I can write, interpret, and explain rational numbers	6.NS.C.6b	6.NS.C.6c	3.2, 3.3	Module 3
6.10	*	I can understand and compare absolute value	6.NS.C.7	6.NS.C.7	3.5	Module 3
6.11		I can compare two whole numbers using ratio	6.RP.A.1	6.RP.A.1	4.1- 4.2	Module 1
6.12		I can use tables and graphs to find and compare equivalent ratios	6.RP.A.3a	6.RP.A.2	4.3	Module 1
6.13	*	I can find and compare unit rates	6.RP.A.2 6.RP.A.3.b	6.RP.A.1	4.6 - 4.7	Module 1
6.14	*	I can solve percent problems	6.RP.A.3c	6.RP.A.3c	Chapter 5	Module 1
6.15		I can use ratio reasoning to convert measurements	6.RP.A.3d		Chapter 6	Module 1
		Unit 3 - Expressions, Equations, and Inequalities				

6th Grade Math Scope and Sequence Guide

6/13/18

		Teaching Window: Nov. 26-Jan. 18 Test Window: Jan. 22-25 Mastery Connect Window: Jan. 22-Feb.5				
Fluency		Addition, subtraction, multiplication, and division fluency 100 problems 95% accuracy 5 minutes				
6.16	*	I can understand parts of an expression and evaluate expressions that include exponents and the order of operations.	6.EE.I.A.1 6.EE.I.A.2a-e	6.EE.A.2	7.1 - 7.4	Module 4
6.17	*	I can identify and generate equivalent expressions using mathematical properties.	6.EE.I.A.1 6.EE.I.A.3	6.EE.A.2 6.EE.A.3	7.8 - 7.9	Module 4
6.18	*	I can understand parts of an equation or inequality and substitute a number for a variable to determine if it makes the statement true.	6.EE.I.A.1 6.EE.I.B.4 6.EE.I.B.5	6.EE.B.6	8.1	Module 4
6.19	*	I can write equations using variables that represent quantities in real world and mathematical situations	6.EE.I.B.6	6.EE.B.7	8.2	Module 4
6.20	*	I can solve one-step linear equations	6.EE.I.B.7	6.EE.B.5	8.3 - 8.6	Module 4
6.21	*	I can, write, solve, and graph solutions to inequalities and recognize that inequalities may have infinite solutions	6.EE.I.B.8.a,b	6.EE.B.8	8.8 - 8.10	Module 4
6.22	*	I can analyze and create relationships between independent and dependent variables using charts and graphs	6.EE.I.C.9a,b	6.EE.C.9	Chapter 9	Module 4
		Unit 4 - Geometry				
		Teaching Window: Feb. 6 – Mar. 8 Test Window: Mar. 11 - 15 Mastery Connect Window: Mar. 11 – Mar. 27				
6.23		I can determine the quadrant of a given set of coordinates and provide coordinates for a given quadrant	6.GM.A.3a	6.NS.C.6b 6.NS.C.8	3.8	Module 3
6.24		I can determine the distance between two points on a coordinate plane	6.GM.A.3c	6.G.A.3	3.9	Module 3
6.25		I can draw polygons in the coordinate plane given coordinates for the vertices	6.GM.A.3d	6.G.A.3	3.10 & 10.9	Module 5
6.26	*	I can determine the area of a shape by composing and decomposing the shape into rectangles and triangles	6.GM.A.1	6.G.A.1	10.1-10.7	Module 5
6.27	*	I can determine the volume of a right rectangular prism	6.GM.A.2a, b	6.G.A.2	11.6	Module 5
6.28		I can determine the surface area of three dimensional shapes using nets.	6.GM.A.4a, b	6.G.A.4	11.1- 11.4	Module 5
		Unit 5 - Data and Statistics				
		Teaching Window: Mar. 25-Apr. 18 Test Window: Apr. 22 – Apr. 24 Mastery Connect Window: Apr. 22 - May 6				
6.29		I can describe a data set by its measures of center, spread, overall shape, and determine the statistical questions used.	6.DSP.A.1 6.DSP.A.2	6.SP.A.1	12.1- 12.2	Module 6

6th Grade Math Scope and Sequence Guide

6/13/18

6.30		I can display and interpret numerical data in a dot plot, histogram, box plot, and circle graph	6.DSP.B.4b	6.SP.A.2	12.3-12.7 & 13.2	Module 6
6.31	*	I can summarize numerical data in relation to its measure	6.DSP.B.5a	6.SP.B.5	Chapter 13	Module 6