7th Grade Math 1 and 7th Grade Pre-algebra Power Standards 2013-2014

Power Standard	Description	Missouri Learning Standards
7N1B	*Recognize and generate equivalent forms of fractions, decimals and percents*	CCSS Code: 7.RP.1/7.EE.3/7.NS.2.d
7N3C	*Apply all operations on rational numbers including integers.*	CCSS Code: 7.NS.1/*7.NS.1.d/7.NS.2.b/7.NS.2.c/7.NS.3/*7.EE.4.a/7.EE.4b
7N3E1	*Solve problems involving proportions, such as, scaling and finding equivalent ratios. (Stretching and Shrinking)*	CCSS Code: 7.G.1/7.RP.1/7.RP.2.a/7.RP.2.b/7.RP.3
7N3E2	*Solve problems involving proportions, such as, scaling and finding equivalent ratios. (Comparing and Scaling)*	CCSS Code: 7.G.1/ 7.RP.1/7.RP.2.a/7.RP.2.b/7.RP.3
7A2A	*Use symbolic algebra to represent unknown quantities in expressions or equations and solve linear equations with one variable*	CCSS Code: 7RP.2.c/7.EE.3/7.EE.4/7.EE.4.a/7.G.5.2
7A3A	*Model and solve problems, using multiple representations such as graphs, tables, and linear equations.*	CCSS Code: 7.RP.2.b
7D2A	*Find, use, and interpret measures of center and spread, including ranges*	CCSS Code: 7.SP.3/7.SP.4

7D4A	*7D4A: Use models to compute probability of an event and make conjectures (based on theoretical probability) about the results of an experiment.*	CCSS Code: 7.SP.5/7.SP.6/7.SP.7/7.SP.7.a/7.SP.7.b/7.SP.8
7M2C	*Solve problems involving circumference and/or area of a circle and surface area/volume of a rectangular or triangular prism, or cylinder*	CCSS Code: 7.G.4/7.G.6

**** 7th Grade Pre-algebra course combines 7th and 8th grade material. 7th graders take the 7th Grade MAP test and are tested on 7th grade power standards even though students learn 8th grade power standards.