Illinois Model Curriculum Scope & Sequence
Grade/Course: 6th Grade Math

Unit	Focus Standards	Connecting Standards	Approximate Time Frame
1) Fractions and Decimals	6.NS.1 (Quotients of fractions) *(PBA/MYA) (EOY)* 6.NS.2 (Divide multi-digit numbers) *(EOY)* 6.NS.3 (Operations on decimals) *(EOY)*		3-4 weeks
2) Ratios, Rates, and Percent	6.RP.1 (Ratios) *(PBA/MYA) (EOY)* 6.RP.2 (Unit rate) *(PBA/MYA) (EOY)* 6.RP.3 (Solve real-world ratio problems) *(PBA/MYA) (EOY)* 6.EE.9 (Independent and dependent variables) *(PBA/MYA)*		6-7 weeks
3) Rational Numbers	6.NS.5 (Positive & Negative numbers in real world contexts) *(PBA/MYA) (EOY)* 6.NS.6 (Rational numbers on number line and coordinate plane) *(PBA/MYA) (EOY)* 6.NS.7 (Ordering and absolute value) *(PBA/MYA) (EOY)* 6.NS.8 (Solving real-world problems by graphing in coordinate plane) *(PBA/MYA) (EOY)* 6.G.3 (Draw polygons in coordinate plane)		4-5 weeks
4) Expressions	6.EE.1 (Numerical expressions with exponents) *(PBA/MYA) (EOY)* 6.EE.2 (Variable expressions) *(PBA/MYA) (EOY)* 6.EE.3 (Generate equivalent expressions) *(PBA/MYA)* 6.EE.4 (Identify equivalent expressions) *(PBA/MYA) (EOY)* 6.NS.4 (GCF, LCM & Distributive property with expressions) *(EOY)*		3-4 weeks
5) Equations and Inequalities	6.EE.5 (True equations and inequalities) *(PBA/MYA) (EOY)* 6.EE.6 (Write expression with variables when solving real-world problems) *(PBA/MYA) (EOY)* 6.EE.7 (Solve real-world problems using equations) *(PBA/MYA) (EOY)* 6.EE.8 (Write and understand inequalities) *(EOY)* 6.EE.9 (Independent and dependent variables) *(PBA/MYA) (EOY)*		4-5 weeks
6) Geometry	6.G.1 (Area of polygons) *(EOY)* 6.G.2 (Volume of prisms by packing and using the formula) *(EOY)* 6.G.4 (Nets of 3-D figures and surface area) *(EOY)*		3-4 weeks

Priority Standards   Supporting Standards   Additional Standards

7) Statistics	6.SP.1 (Statistical questions) *(EOY)* 6.SP.2 (Distributions have center, spread and overall shape) *(EOY)* 6.SP.3 (Measures of center and variability) *(EOY)* 6.SP.4 (Display data) *(EOY)* 6.SP.5 (Summarize data) *(EOY)*	6.RP.3b	2-3 weeks
8) Formulas and Graphs	6.EE.9 (Independent and dependent variables) *(PBA/MYA) (EOY)* 6.NS.8 (Solving real-world problems by graphing in coordinate plane) *(PBA/MYA) (EOY)* 6.SP.4 (Display data) *(EOY)* 6.G.2 (Volume of prisms by packing and using the formula) *(EOY)*	6.G.3	1-2 weeks

Priority Standards   Supporting Standards   Additional Standards