

Grade 6		
Cycle	Unit Focus	Standards
1	Reasoning with Area, Surface Area, Factors & Multiples	NC.6.G.1 NC.6.G.4 NC.6.NS.4
2	Ratios	NC.6.RP.1 NC.6.RP.2 NC.6.RP.3 NC.6.RP.4
3	Division of Fractions & Making Sense of Decimal Computations	NC.6.NS.1 NC.6.NS.2 NC.6.NS.3
4	Integers & Rational Numbers	NC.6.NS.5 NC.6.NS.6** NC.6.NS.7 NC.6.NS.9
5	Algebraic Expressions	NC.6.EE.1 NC.6.EE.2 NC.6.EE.3 NC.6.EE.4 NC.6.EE.6
6	Algebraic Equations	NC.6.EE.5 NC.6.EE.7 NC.6.EE.8 NC.6.EE.9

7	Coordinate Plane	NC.6.NS.6** NC.6.NS.8 NC.6.G.3
8	Volume & Statistical Reasoning	NC.6.G.2 NC.6.SP.1 NC.6.SP.2 NC.6.SP.3 NC.6.SP.4 NC.6.SP.5

***Indicates standard is only partial addressed within this cycle.*

Grade 7		
Cycle	Unit Focus	Standards
1	Rational Numbers	NC.7.NS.1 NC.7.NS.2 NC.7.NS.3
2	Proportional Relationships – Part 1	NC.7.RP.1 NC.7.RP.2
3	Proportional Relationships – Part 2	NC.7.RP.3 NC.7.G.1
4	Probability	NC.7.SP.5 NC.7.SP.6 NC.7.SP.7 NC.7.SP.8
5	Expressions	NC.7.EE.1 NC.7.EE.2
6	Equations & Inequalities	NC.7.EE.3 NC.7.EE.4 NC.7.G.2 NC.7.G.5
7	Geometry & Measurement	NC.7.G.4 NC.7.G.6
8	Populations	NC.7.SP.1 NC.7.SP.2 NC.7.SP.3 NC.7.SP.4

Grade 8		
Timeline	Unit Focus	Standards
~4 weeks	Similarity & Transformations	NC.8.G.3 NC.8.G.2 NC.8.G.4
~6 weeks	Equations, Inequalities, & Angles	NC.8.EE.7 NC.8.G.5
Ready for NC Check-In 1		
~9 weeks	Functions, Linear Equations, and Systems of Equations	NC.8.F.1 NC.8.F.2 NC.8.F.3 NC.8.F.4 NC.8.F.5 NC.8.EE.8
Ready for NC Check-In 2		
~3-4 weeks	Statistical Reasoning	NC.8.SP.1 NC.8.SP.2 NC.8.SP.3 NC.8.SP.4
Ready for NC Check-In 3		
~4 weeks	Rational & Irrational Numbers	NC.8.NS.1 NC.8.NS.2 NC.8.EE.2 NC.8.G.9
~4 weeks	Pythagorean Theorem	NC.8.G.6 NC.8.G.7 NC.8.G.8 NC.8.EE.2
~3 weeks	Exponents & Scientific Notation	NC.8.EE.1 NC.8.EE.3 NC.8.EE.4

Provided by North Carolina Collaborative for Mathematics Learning (NC²ML). Alternative B