Section	MAC Section Title	Standards Alignment	Corresponding MathScape Lessons
Chapter 1 - Decimal Patterns and Algebra			
Chapter 1 is intended to be a quick introduction of concepts and skills that will be reinforced throughout the year or a review of prior knowledge skills. Section 1-9 is the only new material. Pretesting is suggested to maximize instructional time. <u>*DO NOT SPEND TOO MUCH TIME IN CHAPTER 1*</u> .			
1-2	Powers and Exponents	1.1c	
1-3	Order of Operations	6.2a, 6.2c	
1-4	Algebra: Variables and Expressions	2.2a, 2.5b, 6.2b	
1-7	Sequences	2.1a, 2.2a	
1-9	Scientific Notation		
Chapter 2 - Statistics: Analyzing Data			
<u>*Big Idea*</u> *: Representing, Interpreting, and Analyzing Data & Probability*			
2-1	Frequency Tables		
2-2	Making Predictions	2.3a, 3.1b, 3.4a	
2-3	Line Plots	3.2a	
2-4	Mean, Median, and Mode	3.2a, 3.3a, 6.2a, 6.2b, 6.2c	
2-5	Stem-and-Leaf Plots	3.1a, 3.1b, 3.2a, 3.4a, 6.2a, 6.2b, 6.2c	
2-7	Bar Graphs and Histograms	3.1a, 3.1b, 3.4a	
2-8	Misleading Statistics	3.4a	
Chapter 3 - Algebra: Integers			
<u>*Big Idea*</u> *: Operations with Rational Numbers*			
Making Mathematical Arguments: Lessons 1-4			
3-1	Integers and Absolute Value	1.2a, 1.2b	
3-2	Comparing and Ordering Integers	1.2a, 1.2b	
3-3	Geometry: The Coordinate Plane	4.4a	
3-4	Adding Integers	6.4b, 6.4c	
3-5	Subtracting Integers	1.6a, 6.2a, 6.2b, 6.2c, 6.4b, 6.4c	
3-6	Multiplying Integers	1.6a, 6.2a, 6.2b, 6.2c, 6.4b, 6.4c	
3-7	Dividing Integers	1.6a, 6.2a, 6.2b, 6.2c, 6.4b, 6.4c	
Chapter 5 - Fractions, Decimals, and Percents *(Quick review only, as needed)*			
<u>*Big Idea*</u> *: Multiple Representations of Rational Numbers*			
This should be a quick review (as needed) of concepts learned in 6th grade. Section 5-8 is the only new material. <u>*PRETESTING IS SUGGESTED TO MAXIMIZE INSTRUCTIONAL TIME*</u> .			
5-1	Prime Factorization	1.3a	**Making Mathematical Arguments**: Lessons 10-12
5-2	Greatest Common Factor	1.3a	*Pretest and review these sections as necessary. This is a review from 6th grade.*
5-3	Simplifying Fractions	1.1a	
5-4	Fractions and Decimals	1.1a, 1.4a	
End of 1st Quarter			
5-5	Fractions and Percents	1.1a, 1.4a, 1.6a, 3.6a	*Pretest and review these sections as necessary. This is a review from 6th grade.*
5-6	Percents and Decimals	1.1a, 1.4a, 3.6a	
5-7	Least Common Multiple	1.3a	
5-8	Comparing and Ordering Rational Numbers	1.2a, 1.2b, 1.6a, 3.6a	
Chapter 6 - Applying Fractions *(Quick review only, as needed)*			
<u>*Big Idea*</u> *: Operations with Rational Numbers*			
This should be a quick review (as needed) of concepts learned in 6th grade. Sections 6-1, 6-5, 6-7, 6-8, 6-9 are the only new material. <u>*PRETESTING IS SUGGESTED TO MAXIMIZE INSTRUCTIONAL TIME*</u> .			
6-1	Estimating with Fractions	1.6a, 6.3a, 6.3b, 6.4d	*Pretest and review these sections as necessary. This is a review from 6th grade.*
6-2	Adding and Subtracting Fractions	6.2b, 6.2c	
6-3	Adding and Subtracting Mixed Numbers	6.2b, 6.2c	
6-4	Multiplying Fractions and Mixed Numbers	6.2b, 6.2c	