PRACTICING WITH THE SHIFTS: COMMON CORE STATE STANDARDS FOR MATHEMATICS

Shift One: Focus strongly where the Standards focus.

1. In your groups, discuss ways you could respond if someone asks you the following question, "Why focus? There's so much math that students could be learning. Why limit them?"

2. Review the table below and answer the questions 'Which 2 of the following represent areas of major focus for the indicated grade?'

Grade	Which 2 of the following represent areas of major focus for the indicated grade?		
K	Compare numbers	Use tally marks	Understand meaning of addition and subtraction
1	Add and subtract within 20	Measure lengths indirectly and by iterating length units	Create and extend patterns and sequences
2	Represent and solve problems involving addition and subtraction	Understand place value	Identify line of symmetry in two dimensional
3	Multiply and divide within 100	Identify the measures of central tendency and distribution	Develop understanding of fractions as numbers
4	Examine transformations on the coordinate plane	Generalize place value understanding for multi-digit whole numbers	Extend understanding of fraction equivalence and ordering
5	Understand and calculate probability of single events	Understand the place value system	Apply and extend previous understandings of multiplication and division to multiply and divide fractions
6	Understand ratio concepts and use ratio reasoning to solve problems	Identify and utilize rules of divisibility	Apply and extend previous understandings of arithmetic to algebraic expressions
7	Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide	Use properties of operations to generate equivalent expressions	Generate the prime factorization of numbers to solve

	rational numbers		
8	Standard form of a linear equation	Define, evaluate, and compare functions	Understand and apply the Pythagorean Theorem
Alg.1	Quadratic inequalities	Linear and quadratic functions	Creating equations to model situations
Alg.2	Exponential and logarithmic functions	Polar coordinates	Using functions to model situations