

Foundation to Foundation Curriculum

Skill Acquisition Progression Chart – Math (6-8)

F2F Skill	6 th	7 th	8 th
Understand and reason with ratios to solve problems			
Compare and find common factors and multiples			
Solving algebraic expressions(Equivalents, whole number expressions, numeric expressions, etc)			
Solve problems involving area, surface area and volume			
Recognize, understand and solve problems involving statistical variability			
Summarize and describe distribution			
Divide fractions by fractions			
Analyze and solve proportional relationships			
Add subtract multiply and divide rational numbers			
Solve problems using numerical and algebraic expressions or equations			
Draw, construct and describe geometric figures			
Solve problems involving angle measure, area, surface area, and volume			
Understand and apply random sampling			
Develop, evaluate and use probability models			
Use rational approximations of irrational numbers			
Solve problems involving radical and integer exponents			
Analyze and solve linear equations			
Analyze and solve pairs of simultaneous linear equations			
Define, evaluate and compare and model the relationship of functions			
Understand and apply the Pythagorean Theorem			
Solve problems involving volume of cylinders, cones and spheres			
Understand and engage bivariate data			
Understand and apply congruence and similarity			