Math 6+: Measurement
Length, Weight, Mass, Capacity, and Angles

Problem Solving with Units

Students	Learning Continuum Statements:
Students:	**RIT 161-170:** • Solves one-step length word problems involving addition or subtraction
Students:	**RIT 171-180:** • Solves one-step capacity word problems involving whole-number addition or subtraction • Solves one-step length word problems involving addition or subtraction
Students:	**RIT 181-190:** • Solves one-step length word problems involving addition or subtraction
Students:	**RIT 191-200:** • Represents multi-step length word problems involving addition and subtraction on a number line • Solves one-step length word problems involving addition or subtraction • Solves one-step weight/mass word problems involving whole number multiplication and division
Students:	**RIT 201-210:** • Represents one-step length word problems involving addition or subtraction with expressions or equations • Solves one-step weight/mass word problems involving whole number addition and subtraction • Solves one-step weight/mass word problems involving whole number multiplication and division
Students:	**RIT 211-220:** • Solves multi-step capacity word problems involving whole numbers and conversion of customary units • Solves multi-step length word problems involving decimals or fractions and conversion of customary units • Solves multi-step length word problems involving whole numbers • Solves one-step capacity word problems involving whole number multiplication or division

Students:	RIT 221-230: • Solves multi-step length word problems involving decimals or fractions and conversion of customary units • Solves multi-step length word problems involving whole numbers and conversion of customary units
Students:	RIT 231-240: • Solves multi-step capacity word problems involving decimals or fractions and conversion of metric units • Solves multi-step length word problems involving decimals or fractions and conversion of customary units • Solves multi-step length word problems involving whole numbers and conversion of customary units • Solves multi-step weight word problems involving whole numbers and conversion of customary units
Students:	RIT 241-250: • Applies dimensional analysis to manipulate units in a real-world problem • Solves multi-step capacity word problems involving decimals or fractions and conversion of metric units • Solves multi-step length word problems involving decimals or fractions and conversion of customary units • Solves multi-step length word problems involving whole numbers and conversion of customary units • Solves multi-step mass word problems involving whole numbers and conversion of metric units
Students:	RIT 251-260: • Applies dimensional analysis to manipulate units in a real-world problem
Students:	RIT 261-270: • Applies dimensional analysis to manipulate units in a real-world problem
Students:	RIT 271-280: • Applies dimensional analysis to manipulate units in a real-world problem