

Module 2: Unit Conversions and Problem Solving with Metric Measurement (Trimester 1: 7 Days)

Topic A	Metric Unit Conversions		4.MD.1 4.MD.2
Topic B	Application of Metric Unit Conversions		4.MD.1 4.MD.2
ASSESSMENT	Formative 4.MD.1, 2	Solves word problems involving measurements	Report Card: M / I

4.MD.1 Know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec. Within a single system of measurement, express measurements in a larger unit in terms of a smaller unit. Record measurement equivalents in a two-column table. *For example, know that 1 ft is 12 times as long as 1 in. Express the length of a 4 ft snake as 48 in. Generate a conversion table for feet and inches listing the number pairs (1, 12), (2, 24), (3, 36), ...*

4.MD.2 Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.

Reporting Strand: Solves word problems involving measurements

Meets (Student is able to solve without major errors)	Proficient	Improvement Needed (Student needs to work on the following....)
	4.MD.1 Express measurements of a larger unit in terms of a smaller unit, and generate equivalent measurements in a two-column table.	
	4.MD.2 Use operations to solve multi-step word problems that include same system conversions.	

Resuelve problemas de palabras que involucran medidas

Cumple con el objetivo (El estudiante es capaz de resolver el problema sin grandes errores)	Domina el objetivo	Necesita mejorar (El estudiante necesita trabajar en lo siguiente....)
	4.MD.1 Exprese las medidas de una unidad más grande en términos de una unidad más pequeña y genere mediciones equivalentes en una tabla de dos columnas.	
	4.MD.2 Usa las cuatro operaciones para resolver problemas verbales de varios pasos que incluyen conversiones dentro del mismo sistema	