

Elementary Math + Algebra 1 Curriculum

Aug 10-14 from 10-1 CST

Day	Lesson	Content
Day 1 Aug 10	Multiplication & division → Order of operations	• Ice breakers & what math we'll be covering • Multiply one and two digit numbers • Multiplication word problems • Divide one and two digit numbers • Division word problems • Mixed operations practice • simplify variable expressions, and applying <i>arithmetic properties</i> to expressions
Day 2 Aug 11	Missing Number problems → Linear Equations	• Find missing values in simple statements for addends and minuends • Find missing factors • Find Missing dividends • Inverse operations • Equation balance • Input/Output Tables: • Using letters as variables to solve multi-step, one-variable equations
Day 3 Aug 12	Fractional ratios → Ratios, proportions, percents	• Calculating ratios for fixed values • Calculating percentages for fixed values • Ratio to percentage • Solve for missing variables in proportions • Calculate percentage changes

Day 4 Aug 13	Measuring & geometry → Formulas and literal equations	• Calculating area + go over equation of quadrilaterals • Calculating perimeters of shapes • Rewriting the equation for perimeter to solve for specific variables $P = 2L + 2W$
Day 5 Aug 14	Number lines → inequalities & graphing	• Visualize counting numbers on a number line • Visualize basic fractions on a number line • Graphing solutions to inequalities (go over definitions) on a number line (open/closed circles) • Go over a coordinate plane • Graphing two variable relationships such as linear equations on a coordinate plane