

C-STEM Units

<u>C-STEM Units*</u>	<u>Suggested Project(s)</u>	<u>Big Ideas</u>
Intro - Unit 1	Height Challenge	Evaluating expressions with real numbers, creating equations, describe numbers
Functions - Unit 2	The Big Race, Radioactivebots	Functions (sequences, linear, quadratic, exponents) - Graphing - $f(x)$ - words - table
Linear Models - Unit 3	Race to Tie (1 and 2)	Linear equations and systems of equations
Quadratics - Unit 4	Quadratic Calculator	Quadratics, transformations
Piecewise and Absolute Value - Unit 5	Gravity Car Light Graphing	Transformations, absolute value
Prob and Stat - Unit 6	Testing Tolerances	Statistics

*Units are listed in the same order as the [C-STEM: Algebra 1 with Robotics and Computing Course](#)