

Big Ideas

<u>Big Ideas*</u>	<u>Project Overlap</u>	<u>C-STEM Unit Alignment</u>
Linear Equations	Height Challenge, Race to Tie, The Big Race	Linear Models - Unit 3
Functions - Graphing - $f(x)$ - words - table	The Big Race, Race to Tie (1 and 2), Quadratic Calculator, Radioactivebots	Functions - Unit 2
Evaluating expressions with real numbers	Height Challenge, The Big Race, Quadratic Calculator	Intro - Unit 1
Transformations	Quadratic Calculator, Race to Tie (some), The Big Race (some), Light Graphing	Quadratics - Unit 4
Creating equations, describe numbers	Height Challenge, The Big Race, Race to Tie (some), Radioactivebots	Intro - Unit 1
Quadratics	Gravity Car, The Big Race, Quadratic Calculator	Quadratics - Unit 4
Prob and Stats	Testing Tolerances, Race to Tie, Gravity Car, The Big Race	Prob and Stat - Unit 6
Systems	Race to Tie (1 and 2)	Systems of equations - Unit 3
Piecewise Functions	Gravity Car	Piecewise - Unit 5
Absolute Value	Light Graphing	Absolute Value - Unit 5

*Big Ideas are listed in no particular order