

Algebra I – Understanding Your Child’s Performance: Below is a summary of skills and knowledge students must demonstrate to achieve each performance level. A student should demonstrate mastery of knowledge and skills within his/her achievement level *as well as* all content and skills that precede it. For example, a Proficient Learner should also possess the knowledge and skills of a Developing Learner *and* a Beginning Learner.

	Beginning Learner	Developing Learner	Proficient Learner	Distinguished Learner
End-of-Course Algebra I	<p>In general, your child can:</p> <ul style="list-style-type: none"> • use numbers and units of measure to solve problems • identify rational and irrational numbers • identify and solve one-variable linear equations • identify and define a function • represent data on a single variable 	<p>In general, your child can:</p> <ul style="list-style-type: none"> • reason with units of measure to solve problems • rewrite expressions with square roots • create and solve equations • solve and graph systems of equations • use function notation • build functions from models • compare linear, exponential, and quadratic models • interpret data on a single variable 	<p>In general, your child can:</p> <ul style="list-style-type: none"> • convert units of measure to solve problems • interpret and use properties of rational and irrational numbers • use arithmetic operations on polynomials • solve and graph equations, inequalities, and systems of equations • interpret and analyze functions • build functions from existing functions • construct and compare linear, exponential and quadratic models • solve real-world problems using functions • represent and interpret data on two variables 	<p>In general, your child can:</p> <ul style="list-style-type: none"> • analyze and interpret units of measure to solve problems • explain properties of rational and irrational numbers • solve and graph multistep equations and inequalities with one or two variables • solve systems of equations in real-world contexts • build and test functions • analyze linear, exponential, and quadratic models