

Math DesCartes: Algebra, Functions, and Mathematical Models

Skills: Represent Equations, Inequalities, and Functions

Students:	DesCartes Skills: (Highlight the skills related to your chosen standard/concept)
	RIT Above 260: <ul style="list-style-type: none"> Writes the equation of the line when given the graph of the line
	RIT 251-260: <ul style="list-style-type: none"> Uses graphs to represent functions Writes the equation of the line when given the graph of the line Determines the graph of a line when given the equation Determines slope from graphs Investigates, describes, and predicts the effects of parameter changes on the graphs of exponential functions Distinguishes between linear and nonlinear functions (analysis)
	RIT 241-250: <ul style="list-style-type: none"> Uses ordered pairs to graph a parabola Determines the x- and/or y-intercept of an equation Writes linear equations when given ordered pairs Recognizes the slope of horizontal and vertical lines Uses tables to represent functions Completes a function table according to a rule (rational numbers)
	RIT 231-240: <ul style="list-style-type: none"> Writes the equation of a horizontal or vertical line when given the graph of the line Determines the graph of a horizontal or vertical line when given the equation Distinguishes between linear and nonlinear functions Uses tables to represent functions Completes a function table according to a rule
	RIT 221-230: <ul style="list-style-type: none"> Uses models to represent functions Completes a function table according to a rule
	RIT 211-220: <ul style="list-style-type: none"> Uses models to represent functions Completes a simple function table or function machine
	RIT 201-210: <ul style="list-style-type: none"> Uses models to represent functions

Lesson Title:

Standard/Concept for All:

For Students Ready for a Challenge:

Lesson/Activity:

Resources:

Means of Assessment:

For Most Students:

Lesson/Activity:

Resources:

Means of Assessment:

For Students Needing Extra Support:

Lesson/Activity:

Resources:

Means of Assessment:

Closure/Summary for All:

