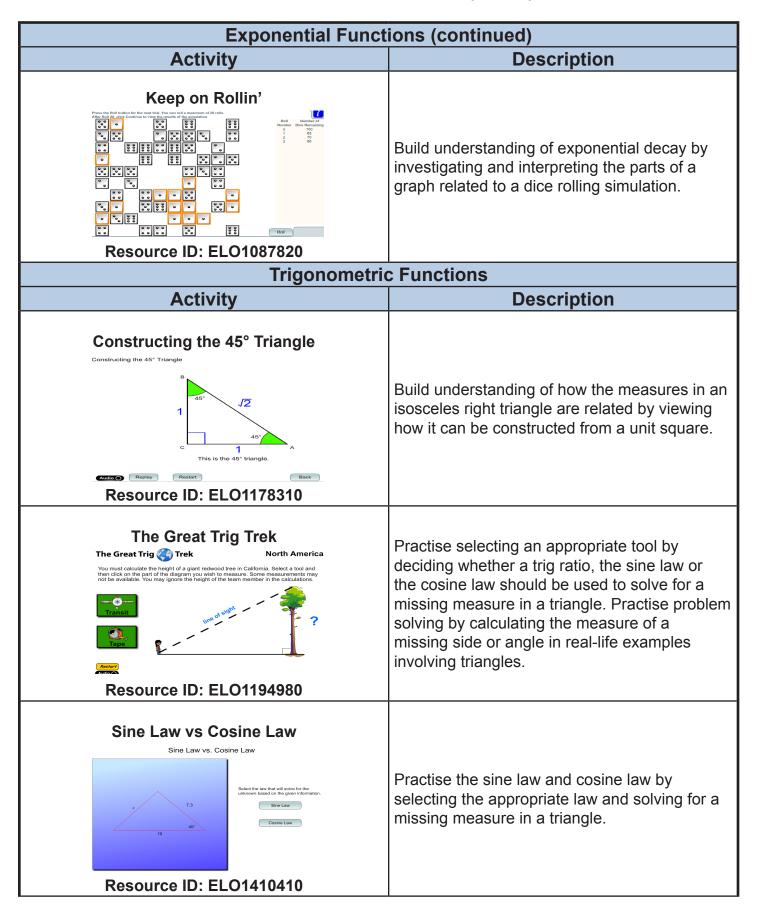


Characteristics of Functions (continued)	
Activity	Description
Quadratic Mini-Golf Quadratic Mini-Golf Game Base on the equation below, enter the values to sink the golf ball. Press Putt to liste your shot. y = a(x-h)^2 + k a =	Practise determining the equation of a quadratic in vertex form $y=a(x-h)^2+k$, by calculating a when given the vertex and another point in a golf simulation activity.
Quadratic Transformations (b) 1	Build understanding of transformations by exploring the effects of each parameter in the quadratic equation $y=a(x-h)^2+k$. Practise applying this knowledge by completing a quiz.
Exponential Functions	
Activity	Description
Exploring Exponential Functions Exploring Exponential Functions As the value of a changes, make note of the direction of opening y-intercept and the domain and range. When you think you understand the changes to this function, click the Centinue button. Resource ID: ELO1079540	Build understanding of the properties of the basic exponential function $y=a^x$ by exploring what happens to a graph as the value of the base a changes. Practise applying this knowledge by completing a quiz.
Just Chillin' Just Chillin' Just Chillin' Godfing Tea Transport Child Control Tea Transport Child Control Tea Resource ID: ELO1081370	Build understanding of exponential decay by investigating and interpreting the parts of a graph related to a simulation of hot liquid cooling.



Trigonometric Functions (continued)	
Activity	Description
Sinusoidal Tides Fun Day at the Tides Fun	Build understanding of the characteristics of the sine function by investigating the data collected and the graphs created from a simulation of the periodic behaviour of tides.
Transformations Exploration Graph: 1 Resource ID: ELO1081390	Build understanding of the sine function by investigating and interpreting the key features of graphs and equations of the form $y=asin(x-d)+c$.