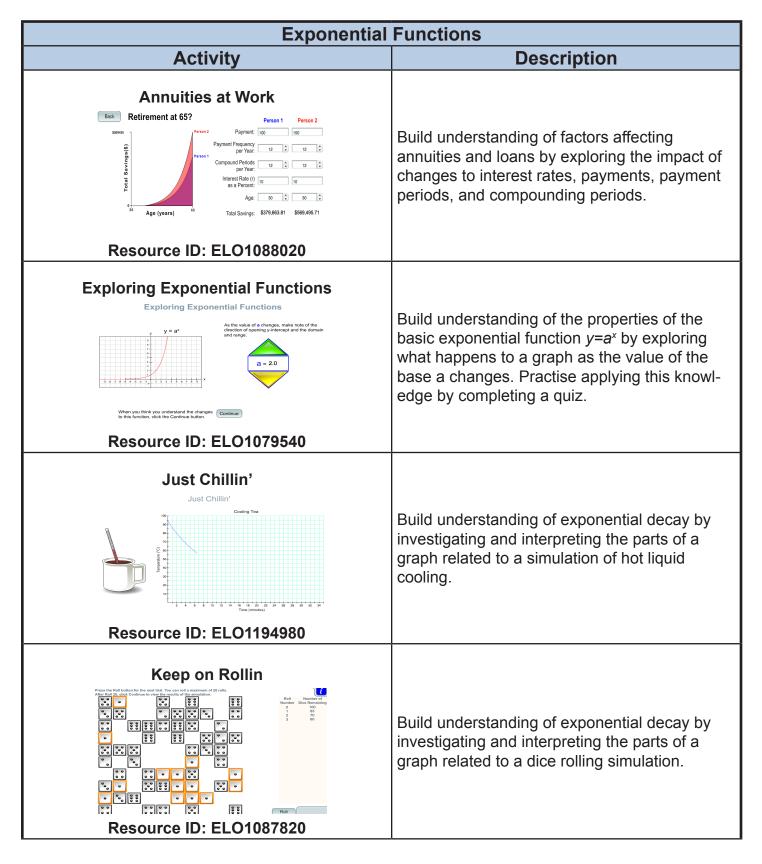


Quadratic Functions (continued)	
Activity	Description
Net Results Orrect the restrict boat To posted Outside 1 Post / Damaged Nets 1 Score 1-1 Resource ID: ELO1196410	Build understanding of how to determine the x-intercepts given a quadratic in factored form by viewing a scripted tutorial. Practise determining the x-intercepts of a quadratic in factored form by dragging buoys to the appropriate x-intercepts on a number line in a fishing activity.
Quadratic Mini-Golf Quadratic Mini-Golf Game Base on the equation below, enter the values to sink the golf ball. Press Putt to take your shot. y = d(x + h)^2 + k a = Putt h = Putt Resource ID: ELO1099580	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 Opening to the property of the prop	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.
Rectangle Factory Rectangle Factory Compare your answer with this given solution. Click Table to see a summary of the expressions you have completed.	Build understanding of factoring by creating rectangles with a given area, using virtual algebra tiles.



Trigonometric Functions	
Activity	Description
The Great Trig Trek The Great Trig Trek You must calculate the height of a giant redwood tree in California. Select a tool and then click on the part of the diagram you wish to measure. Some measurements may not be available. You may ignore the height of the team member in the calculations. Transit Transit Resource ID: ELO1194980	Practise selecting an appropriate tool by deciding whether a trig ratio, the sine law or the cosine law should be used to solve for a missing measure in a triangle. Practise problem solving by calculating the measure of a missing side or angle in real-life examples involving triangles.
Pendulum Investigation Tree (1) is seconds 0 0.0 str 0.324 0.361 1 1 1 1 1 1 1 1 1	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 a pendulum swinging.
Sine Law vs. Cosine Law Sine Law vs. Cosine Law Select the law that will solve for the unknown based on its given information. Size Law Cosine Law Resource ID: ELO1090620	Practise the sine law and cosine law by selecting the appropriate law and solving for a missing measure in a triangle.
Sinusoidal Tides Fun Day at the Tides Fun Day at the Tides Graph Data H=0.8 m Graph Data Resource ID: ELO1081390	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.

Trigonometric Functions (continued)	
Activity	Description
Transformations Exploration Equation Match Graph Match Terms (A) France France	Build understanding of the sine function by investigating and interpreting the key features of graphs and equations of the form $y=a\sin(x-d)+c$.
Resource ID: ELO1084100	