

# Download Sinusoidal Functions And Transformations

Transformations of the Sine and Cosine Graph – An Exploration. By Sharon K. O’Kelley . This is an exploration for Advanced Algebra or Precalculus teachers who have introduced their students to the basic sine and cosine graphs and now want their students to explore how changes to the equations affect the graphs. Loading... General Sinusoidal Function Transformations 5.2 Transformations of Sinusoidal Functions (Pre-Calc 30) - Duration: 15:33. Kevin Cumming 16,310 views. 15:33. 3Blue1Brown series S4 • E2 But what is a partial differential equation? Students investigate how adding a constant to a sine or cosine function, multiplying the function by a constant, adding a constant to the argument of the function, multiplying the argument by a constant, or taking the absolute value of the function affects the graph. Students are introduced to the terms "amplitude," "sinusoidal axis," "period," and "phase displacement."