

High School Functions Playlist: Choosing Trigonometric Functions to Model Periodic Phenomena

Aligns with *CCSS.MATH.CONTENT.HSF.TF.B.5*: Choose trigonometric functions to model periodic phenomena with specified amplitude, frequency, and midline.

Related Standards

- *CCSS.MATH.CONTENT.HSF.BF.A.1*: Write a function that describes a relationship between two quantities.
- *CCSS.MATH.CONTENT.HSF.LE.A.2*: Construct linear and exponential functions, including arithmetic and geometric sequences, given a graph, a description of a relationship, or two input-output pairs (include reading these from a table).
- *CCSS.MATH.CONTENT.HSF.TF.B.7*: Use inverse functions to solve trigonometric equations that arise in modeling contexts; evaluate the solutions using technology, and interpret them in terms of the context.

