**Review of Various Functions Desmos Activity**

Watch the videos on the Desmos Dude Youtube Channel: <https://sites.google.com/a/sduhsd.net/curriculum/?pli=1>

Create your own animation (image or video) using Desmos.   
Your animation must contain all of the following:

* At least 1 Ellipse
* At least 1 Circle
* At least 1 Hyperbola
* At least 1 Parabola
* At least 4 Different Trig functions
  + Sin x
  + Cos x
  + Tan x
  + Csc x
  + Sec x
  + Cot x
* No more than 5 linear functions
* At least 2 Quadratic Functions containing the vertex
* At least 1 Cubic Function
* At least 2 Exponential Functions

\*\* Remember to use inequalities and domain restrictions to create shapes that are different colors.