Agenda

Playtime www.desmos.com

Create an account

Enter equations (no sliders)

\[ 2x + 3y = 6 \]

On-screen keyboard

Linetypes/Colors

Graph Options

Zoom Options

Saving Graphs

Enter equations (sliders)

\[ y = mx + b \]

Slider minimum/maximum values

Slider animation options

Saving Graphs

MAT1033C Intermediate Algebra Graph

Graphing Parabolas – \( a, h, \) and \( k \)

Graphing With Absolute Value Graphs – What \( x \)'s to pick?

MAC1105 College Algebra Graph (Area formed by a rectangle beneath a parabola)

Domain restrictions

MAC1114 College Trigonometry Graph (transformations of sinusoidal curves)

MAC2311 Calculus I Graph (secant line approaches tangent line)

teacher.desmos.com

Pre-built activities; great for classes where all students have tablets and/or laptops and Internet