Lesson 3: Investigating Transformations with Technology

Warm-up: go to student.desmos.com

enter code 8 WWJYS

You have 10 minutes max to play polygraph!

Jan 31-9:35 PM

Today you will be investigating the form $g(x)=af[k(x-d)]+c$, where $f(x)$ is one of the parent functions we saw in the last 2 lessons. The transformations include:

Vertical Dilation	Horizontal Dilation
Vertical Translation	Horizontal Translation

As you go through the following activity, take notes to summarize what you are learning.

Lesson: student.desmos.com **Class Code: TJF3T5**

Homework: Marbleslides Parabolics   **Class Code: VWYD3G**
            Marbleslides Exponential   **Class Code: S5RSTH**
            Marbleslides Periodics   **Class Code: H9Z8P6**
            Marbleslides Rationals   **Class Code: 7BPPHV**

Apr 22-2:08 PM