




Over the next week you need to go to student.desmos.com and participate in the following three activities:

1. Will It Hit the Hoops? (class code Y4CDQN)
2. Marble Slide: Parabolas (class code XQUWQG) – you must finish all the regular slides and **try** the challenge slides for full credit.
3. Build a Bigger Field (class code DMKK75)

This, along with your Chapter 7 test, will be your final assessment for this chapter.

When you get to the website, you will be asked to enter your class code, then to enter your name. If you choose something that is **not** your name, I cannot know who you are and you will not get credit for that work so please. Choose your name! After you've entered the code and your **name** the activity will begin. Follow the instructions on each slide to the best of your ability. The software will record what you have done so I can look at it after the project is due.

Criteria	Missing 	Emerging	Developing 	Proficient	Extending 
a. Participation (out of 12)					
• Did you complete all three activities?					
• Did you treat the activities seriously?					
b. Will It Hit the Hoop (out of 4)					
• Did your parabolas go through most of the dots?					
• Were your predictions reasonable?					
c. Marble Slide: Parabolas (out of 4)					
• Did you finish all the regular slides?					
• Did you attempt the challenge slides?					
d. Build a Bigger Field (out of 4)					
• Did you follow the instructions laid out by the activity to the best of your ability?					
• Were the equations you created quadratic equations?					

For Build a Bigger Field, recall that the following formulae

Area of a rectangle (the space in the middle)

$$A = l \times w$$

Perimeter of a rectangle (the distance around)

$$P = 2w + 2l$$