



Mrs. Lazarchick's Newsletter

Week of April 1st:

(Please visit the Assessments Calendar tab on my class website as well as your student's Google Calendar as changes may occur)

Monday, 4/1:
8th Grade Math
(Topics 6.8 & 6.9 Quiz)

Tuesday, 4/2:
6th Grade Math
(Topic 5 Assessment)

Thursday, 4/4:
7th Grade Math
(Topics 8.1 - 8.3 Quiz)
Geometry
(Topic 13 Quiz)



Contact Information:
E-mail:
dlazarchick@avonschool.com
Phone:
732-775-4328 ext. 222

This week in Geometry the students applied their knowledge of trigonometric ratios, the Pythagorean Theorem, angle of elevation and depression, and slope. The students completed practice problems in class to master the skills, and then engaged in an activity at the Avon-by-the-Sea Boardwalk to utilize their skills. The students learned about the ADA's regulations for ramps and the appropriate ratios necessary to ensure that all individuals are safe. The students used measuring tape to measure the rise and run of the ramp at the boardwalk. They used this information to test if it met the regulations of 1:12 (for every 1 inch of height, there are 12 inches of a ramp). The students used the Pythagorean Theorem to find the length of the ramp, and measured it so see if it was accurate. Finally the students used the trig ratios to find the angle of elevation of the ramp as well as the angle of depression of their eyes meeting the ocean when looking out from the boardwalk. The students did a great job working together and applying their skills!