

Summer Math Nixon - Rising 7th

To make summer math more interesting, I'd like for each student to explore a couple of websites that may be useful throughout middle and high school. There is no need to set up an account and both are free. My favorite is [khanacademy.org/math](https://www.khanacademy.org/math). The other is [ixl.com/math](https://www.ixl.com/math). Students like it as they are limited in the number of problems they may do for free per day. They may review 6th grade topics or challenge themselves by trying some 7th grade material. Topics do not have to be completed if too easy or too difficult.

Record keeping is important. I wish to see a list of specific topics, which website, and time spent on each to be turned in for a grade the first day of school. The paper used to work (neatly) the problems chosen should be attached. I expect to see a minimum of five hours work.

I strongly encourage students to explore topics they may not have covered in class as well as review topics which gave them trouble. This will give me some insight as to their interests and motivation. Box plots and graphing lines on graph paper are two areas I hope they will explore. They should also review surface areas and volumes.