

IXL Summer Work –Incoming 6th grade for 2022-23 School Year

To encourage the students to keep their math skills sharp they should work on the following IXLs over the summer. **All are 5th grade skills and have stars by the topic.** You may do any topic on IXL that you choose, but complete one IXL from each of the 10 topics below. The below assignments are due the first day of school for a grade (50 points). On your Chromebook go to <https://www.ixl.com/signin/maryqueenschool>. Select the log in with Google option. Choose the following 5th grade skills and complete at least to the ‘Smartscore’ of 80 beginning May 26th, 2022 through August 11th, 2022. Yes, if you go to the SmartScore of 100 you will get a bonus point. You must be logged in so we can see your progress or it will not count.

Next to each topic below, choose the first or second IXL letter.number. The first is regular and the second one is challenge – pick one that would challenge you. If you choose to do both, we will give bonus points. If you have forgotten how to do something, hit the ‘Watch a Tutorial’ button, or miss the problem, then read the steps given on IXL explaining how to solve the problem correctly. **No calculator!** You may do any additional topics on IXL that you choose, but you must complete the following (**all are 5th grade skills**):

Place Value and Number sense: A.1 (Converting between standard and expanded form) ; A.2 (Place Value)

Fractions and mixed numbers K.1 (Fractions Review); K.3 (Fractions of a group: word problems)

Mixed Operations: O.1 (Add, subtract, multiply, and divide whole numbers); O.2 (Add, Subtract, Multiply, and divide whole numbers: word problems)

Data and Graphs: V.10 (Create line plots); V.11 (Create and interpret line plots with fractions)

Decimals: G.21 (Compare decimals and fractions on number lines); G.22 (Compare decimals and fractions)

Add and subtract decimals: H.4 (Add and Subtract decimal numbers); H.5 (Add and subtract decimals: word problems)

Geometric measurement: DD.5 (Area of squares and rectangles); DD.8 (Area of parallelograms and trapezoids)

Coordinate Plane: T.2 (Objects on a coordinate plane); T.8 (Follow Directions on a coordinate plane)

Consumer Math: R.9 (Price lists); R.10 (Unit Prices)

Add and Subtract Fractions: L.8 (Add fractions with unlike denominators); L.12 (Add and subtract fractions with unlike denominators: word problems)

If you have questions, please contact (Lynn.Frank@MaryQueenSchool.org).