

Dear Woodward Students and Families:

Attached is the math summer work that is required for each student. It is organized by grade or class that the student will be entering in the fall. Most worksheets have a notes page with examples to look over and then practice problems for the student to complete. Please attempt all problems and turn in on the second day of school. Here is a list of the grades and courses and the topics covered in the packets.

Class	Topics
Entering 6 <sup>th</sup> Grade	Whole Numbers, Decimals, Decimal Operations, Fractions, Measurement
Entering 7 <sup>th</sup> Grade:	Decimals and Order of Operations, Fractions, Rates and Ratios, Integers and Graphing, Equations and Problem Solving
Entering 8 <sup>th</sup> or 9 <sup>th</sup> Grade and haven't taken Algebra 1	Integer Operation Review, Perimeter and Area of Figures, Circumference and Area of Circles, Solving Linear Equations, Solving Linear Inequalities, Mixed Problem Solving
Entering 9 <sup>th</sup> , 10 <sup>th</sup> or 11 <sup>th</sup> Grade and taking Algebra 2 or Geometry	Classifying Triangles, Finding Angles in Triangles, Parallel Lines and Transversals, Pythagorean Theorem, Classifying Quadrilaterals, Surface Area, Volume
Entering 11 <sup>th</sup> or 12 <sup>th</sup> Grade and taking Pre-Calculus or Statistics	Measures of Center, Rewriting Equations, Properties of Exponents, Pythagorean Theorem, Special Right Triangles

If you don't have access to a printer- there are printed copies at The Woodward School front desk, and you could come pick them up during summer hours or you could copy the problems onto a separate sheet of paper and solve them. If you are having difficulty, try your best, also the Khan Academy website has useful tutorials on the above topics. If you are looking for additional work, Khan Academy also has "get ready" courses with lots of practice problems. If you have any other questions, please be in touch.

Best,

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