Dear Rising Algebra Students,

By the end of summer, students are required to complete the IXL work below. Each section completed needs a SmartScore of 85. Each assignment has been selected as it is important for the review to be successful next year. If you pace yourself and do a little bit each week (don't wait and do it all in one day), you should be able to complete your summer work. There will be a quiz over the summer work at the end of the first week of the new school year over the summer work.
Email Mrs. Ellis at Kellis@communityday.org with any questions

Week 1
A.7 Evaluate numerical expressions involving rational numbers
(https://www.ixl.com/math/algebra-1/evaluate-numerical-expressions-involving-rational-numbers
A.9 Cube roots
https://www.ixl.com/math/algebra-1/cube-roots
B.4 evaluate rational expressions
https://www.ixl.com/math/algebra-1/evaluate-rational-expressions
B.9 simplify variable expressions involving like terms and the distributive property
https://www.ixl.com/math/algebra-1/simplify-variable-expressions-involving-like-terms-and-the-distributive-property

Week 2
C.9 solve one-step and two-step linear equations: word problems
https://www.ixl.com/math/algebra-1/solve-one-step-and-two-step-linear-equations-word-problems
C.17 Solve linear equations with variables on both sides
https://www.ixl.com/math/algebra-1/solve-linear-equations-with-variables-on-both-sides-word-problems
F.10 Solve multi-step linear inequalities
https://www.ixl.com/math/algebra-1/solve-multi-step-linear-inequalities
F.15 Graph solutions to compound inequalities
https://www.ixl.com/math/algebra-1/graph-solutions-to-compound-inequalities

Week 3
H.4 solve absolute value of inequalities
https://www.ixl.com/math/algebra-1/solve-absolute-value-inequalities
H.5 graph solutions to absolute value inequalities
https://www.ixl.com/math/algebra-1/graph-solutions-to-absolute-value-inequalities
P.2 linear inequalities: solve for y
https://www.ixl.com/math/algebra-1/linear-inequalities-solve-for-y
P.6 Is (x,y) a solution to the system of linear equations
https://www.ixl.com/math/algebra-1/is-x-y-a-solution-to-the-system-of-linear-inequalities
I.4 Distance between two points
https://www.ixl.com/math/algebra-1/distance-between-two-points

Week 4
K.2 Find the slope from two points
https://www.ixl.com/math/algebra-1/find-the-slope-from-two-points
K.4 Find a missing coordinate using slope
https://www.ixl.com/math/algebra-1/find-a-missing-coordinate-using-slope
L.5 Slope-intercept form: write an equation from a graph
https://www.ixl.com/math/algebra-1/slope-intercept-form-write-an-equation-from-a-graph
L.10 standard form: find x and y intercepts
https://www.ixl.com/math/algebra-1/standard-form-find-x-and-y-intercepts
L.18 Slopes of parallel and perpendicular lines
https://www.ixl.com/math/algebra-1/slopes-of-parallel-and-perpendicular-lines

Week 5
M.4 identify functions
https://www.ixl.com/math/algebra-1/identify-functions
M.8 evaluate a function: plug in an expression
https://www.ixl.com/math/algebra-1/evaluate-a-function-plug-in-an-expression
M Checkpoint: average rate of change
https://www.ixl.com/math/algebra-1/checkpoint-average-rate-of-change
R.10 Simplify exponential expressions using the power rule
https://www.ixl.com/math/algebra-1/simplify-exponential-expressions-using-the-power-rule

Week 6
W.6 multiply a polynomial by a monomial
https://www.ixl.com/math/algebra-1/multiply-a-polynomial-by-a-monomial
X.3 factor out a monomial
https://www.ixl.com/math/algebra-1/factor-out-a-monomial
T.1 convert between standard and scientific notation
https://www.ixl.com/math/algebra-1/convert-between-standard-and-scientific-notation
HH. checkpoint: line plots, histograms, and box plots
https://www.ixl.com/math/algebra-1/checkpoint-line-plots-histograms-and-box-plots
II checkpoint: compare data sets
https://www.ixl.com/math/algebra-1/checkpoint-compare-data-sets