

Dear Rising Geometry 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

Geo.E.1 Slopes of lines

<https://www.ixl.com/math/geometry/slopes-of-lines>

Alg. L.6 Slope-intercept form: write an equation

<https://www.ixl.com/math/algebra-1/slope-intercept-form-write-an-equation>

Geo.E.6 Find the distance between a point and a line

<https://www.ixl.com/math/geometry/find-the-distance-between-a-point-and-a-line>

Geo.Checkpoint: Parallel and Perpendicular lines

<https://www.ixl.com/math/geometry/checkpoint-parallel-and-perpendicular-lines>

Week 2

Geo.P.1 Pythagorean Theorem

<https://www.ixl.com/math/geometry/pythagorean-theorem>

8. T.1 Pythagorean theorem: find the length of the hypotenuse

<https://www.ixl.com/math/grade-8/pythagorean-theorem-find-the-length-of-the-hypotenuse>

8th T.3 Pythagorean theorem: find the missing leg or hypotenuse length

<https://www.ixl.com/math/grade-8/pythagorean-theorem-find-the-missing-leg-or-hypotenuse-length>

8th T.5 pythagorean theorem word problems

<https://www.ixl.com/math/grade-8/pythagorean-theorem-word-problems>

W. Checkpoint: polynomial operations

<https://www.ixl.com/math/algebra-1/checkpoint-polynomial-operations>

Week 3

Alg.I.2 Midpoint formula: find the midpoint

<https://www.ixl.com/math/algebra-1/midpoint-formula-find-the-midpoint>

Alg.1.4 Distance between two points

<https://www.ixl.com/math/algebra-1/distance-between-two-points>

Alg. C.14 solve linear equations: complete the solution

<https://www.ixl.com/math/algebra-1/solve-linear-equations-complete-the-solution>

Geo.E.2 Graph a linear equation

<https://www.ixl.com/math/geometry/graph-a-linear-equation>

Week 4

Geo.S.1 Perimeter

<https://www.ixl.com/math/geometry/perimeter>

Geo.S.1 Area of rectangles and squares

<https://www.ixl.com/math/geometry/area-of-rectangles-and-squares>

8th W. checkpoint surface area of prisms and cylinders

<https://www.ixl.com/math/grade-8/checkpoint-surface-area-of-prisms-and-cylinders>

8th W. checkpoint volume

<https://www.ixl.com/math/grade-8/checkpoint-volume>

Week 5

8th P.1 Identify complementary, supplementary, vertical, adjacent, and congruent angles

<https://www.ixl.com/math/grade-8/identify-complementary-supplementary-vertical-adjacent-and-congruent-angles>

8. P.2 Find measures of Identify complementary, supplementary, vertical, adjacent, and congruent angles

<https://www.ixl.com/math/grade-8/find-measures-of-complementary-supplementary-vertical-and-adjacent-angles>

8th R. 1 identify reflections, rotations, and translations

<https://www.ixl.com/math/grade-8/identify-reflections-rotations-and-translations>

8thQ. 7 find missing angles in triangles

<https://www.ixl.com/math/grade-8/find-missing-angles-in-triangles>