

2023-2024 Rising Advanced Geometry students

Dear Parents,

This summer, the math department is requiring 85% mastery on the skills listed below. It needs to be completed by the start of school in August (even if your first Math class is during the second MOD) and will count as your first major class grade.

For summer work, returning students need to log in using Clever. Clever allows our students to have access to all accounts using one sign-in. New students can continue to sign in using the username and password provided during the diagnostic until their Clever accounts for the 23-24 year have been activated. If the student is not logged in, their work will not be saved. This will keep track of their progress throughout the summer. The skills are found under **“Algebra Review Objectives for Geometry”** on IXL.

Sometimes, IXL has updates to their website over the summer. If there is a discrepancy with the numbers not matching the skills, please make sure your daughter completes the skill description below. If there is a change they can find the new number by searching the codes next to the objective since these codes never change.

- 8EU Ratios and proportions
- M7M Scale drawings: word problems
- PL9 Number sequences
- JJA Shape patterns
- LNK Properties of exponents
- SC5 Simplify radical expressions
- 5RD Write variable expressions
- PHF Solve linear equations
- 9MX Solve linear inequalities
- 76G Solve systems of linear equations
- ENU Solve a quadratic equation by factoring
- WGU Solve a quadratic equation using the quadratic formula

These are the important skills for the beginning of Geometry.

Thank you,

Middle School Math Department
Duchesne Academy of the Sacred Heart