

Dear rising 6th grade students and parents,

The math summer work for this year will be done on IXL using the app or the website www.ixl.com. The student username is first initial last name (all lower case) @charlestonday. The password is the student's "P" number that they use to check out books.

We have chosen 20 objectives from the 5th grade math section. These are all skills that each student must have mastered before entering 6th grade math. To complete an objective, a student must achieve a Smart Score of 90. Some may take 10 minutes or less to complete, while others may take 30 minutes or more.

Students should expect to use paper and pencil while working on most of the objectives.

Working slowly and carefully is the quickest way to master an objective. Rushing and making careless errors actually makes the process take longer.

If a student is struggling to complete an objective, they should seek help from an adult.

Missing many problems in a row just makes it harder to reach a 90 Smart Score. IXL explains to a student what they did wrong each time they miss a problem. Students can also use www.khanacademy.com for explanations of skills.

IXL objectives from 5th grade math section:

A8 rounding
A12 order integers
C22 multiplication output tables
D1 division facts
G7 rounding decimals
G10 comparing decimals
G11 ordering decimals
G12 fractions to decimals
G14 decimals to fractions
L8 +- fractions
M20 multiply fractions
O1 +-x / whole numbers
O7 +-x / decimals
Q1 ratios
AA4 points, lines, rays
BB1 triangles by angles
BB2 triangles by sides
BB10 classify quadrilaterals
EE1 perimeter
EE5 area of rectangles

According to the CDS handbook, students will face academic and disciplinary consequences if the work is incomplete. By completing this summer assignment, you demonstrate your responsibility for being prepared for sixth grade.

Thank you,

Middle School Math Teachers