

Dear Parent or Guardian,

Attached are the instructions for the required 6th Grade Math Summer Assignment to complete during the summer vacation. All incoming 6th Grade Math students, *regardless of advanced or regular placement*, are required to complete the noted assignments on IXL. We are using IXL for the summer assignment this year so that your child is provided with immediate feedback, an opportunity to practice completing problems online, and instructional explanations in case your child needs assistance with any topics. **Calculators may not be used, and students must be prepared to complete the types of problems included in each topic by hand at the start of the school year.** The main goal of 6th Grade Math Summer Assignment is to give the students the opportunity to review essential math concepts and skills that will be necessary for their success in 6th Grade Math or 6th Grade Advanced Math. Your child should attempt to complete the assignments independently, but he or she is more than welcome to receive assistance if necessary. Please make sure your child completes and understands the topics and skills so that he or she may have the opportunity to fully enjoy and be more successful in 6th Grade Math. **Students should join the “Markham Math Mavens’ Google classroom** to access this summer work document, hyperlinks and ask any questions about the summer work to their future teacher. The google classroom code for the Markham Math Mavens is **7BPXHF**.

All students are expected to complete the summer assignment by the first day of school, as we will be using part of the class period to complete any necessary review of the assigned topics. On the second day of school, students will complete a graded assessment on the concepts and skills taken directly from IXL. ***This assessment will count as a regular Trimester quiz grade.*** It will consist of similar problems found in the 6th Grade Summer Assignment but will be shorter in length.

Please remember that IXL will automatically time and date stamp the work that is completed. *Regardless of how many questions your child may have completed during the school year in any of these sections, **we will only be looking at work that is completed BETWEEN the last day of school in June and the first day of school in September.*** Please have your child prepared to ask questions about the topics that may have given them difficulty when we return to school.

We look forward to working with both you and your child next school year! Have a safe, fun, and relaxing summer!

Sincerely,

Mrs. Galante + Ms. Szesko

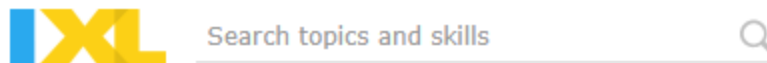
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6th Grade Math Summer Assignment Instructions:

1. Join the Markham Math Mavens Google Classroom using the code **7BPXHF**.
2. Log onto IXL go to the Little Silver School District's IXL login page at <https://www.ixl.com/signin/littlesilver>. Click on "Sign In" to be taken to the home screen.
3. Go to the **5th Grade Math skills page on IXL** by clicking on "Math" and selecting the "5" tab on the left-hand side of the page, or by scrolling down to "Fifth Grade" and clicking on the skills link next to the word "Math." If you have any trouble accessing the "Fifth Grade" tab, please use the hyperlinks on the PDF of this document, which can be found on the Google classroom. <https://www.ixl.com/math/grade-5>
4. Refer to the tables and recommended timelines below for the required topics that must be completed by the first day of school. *Even if you have already received a high Smart Score (including 100) or have completed any number of problems in one or several of the topics below, you are still required to complete the indicated number of problems between the last day of school in June and the first day of school in September.*
5. You may NOT use a calculator to complete any of the topics, and you will be required to hand in scrap work on the first day of school. You also may receive help with these topics, but you must be ready to complete the problems from these topics independently when you take the Summer Math Quiz on the second day of school.

Enter the IXL code provided into the Search Bar to go directly to each topic.



Recommended Deadline: July 15th

IXL Topic Code	IXL Topic Name	Minimum Number of Problems Completed
<input type="checkbox"/> 3V9	Multiply numbers ending in zeroes	20
<input type="checkbox"/> J8Y	Divide numbers ending in zeroes	20
<input type="checkbox"/> JHB	Multiply 2-digit numbers by 3-digit numbers	10
<input type="checkbox"/> J8L	Divide larger numbers by 2-digit numbers: word problems	10
<input type="checkbox"/> X8U	Place values in decimal numbers	25
<input type="checkbox"/> MPB	Round decimals	25
<input type="checkbox"/> YUX	Put decimal numbers in order	20

Recommended Deadline: July 31st

IXL Topic Code	IXL Topic Name	Minimum Number of Problems
<input type="checkbox"/> 35U	Add and subtract decimals: word problems	20
<input type="checkbox"/> DN2	Multiply a decimal by a power of ten	20
<input type="checkbox"/> H2N	Divide by powers of ten	20
<input type="checkbox"/> FLL	Multiply two decimals	15

Recommended Deadline: August 15th

IXL Topic Code	IXL Topic Name	Minimum Number of Problems
<input type="checkbox"/> A76	Write fractions in lowest terms	20
<input type="checkbox"/> B7X	Convert between improper fractions and mixed numbers	25
<input type="checkbox"/> 7YQ	Add and subtract fractions with like denominators: word problems	20
<input type="checkbox"/> XHJ	Add and subtract mixed numbers with like denominators	15
<input type="checkbox"/> TCD	Add and subtract fractions with unlike denominators: word problems	15
<input type="checkbox"/> 6BH	Add and subtract mixed numbers: word problems	15

Recommended Deadline: August 31st

IXL Topic Code	IXL Topic Name	Minimum Number of Problems
<input type="checkbox"/> AFS	Multiply unit fractions by whole numbers using models	15
<input type="checkbox"/> RB9	Multiply fractions by whole numbers using arrays	15
<input type="checkbox"/> Z76	Multi-step word problems	10