

June 19, 2017

Dear Parent or Guardian,

Attached are the instructions for the required 5<sup>th</sup> Grade Math Summer Assignment to complete during the summer. All incoming 5<sup>th</sup> Grade Math students 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 at the start of the school year.

The main goal of the 5<sup>th</sup> 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 5<sup>th</sup> Grade 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 5<sup>th</sup> Grade Math.

On Friday, September 8<sup>th</sup>, students will receive a grade based on completion and effort of the summer assignments. All sections must be completed in order for your child to receive full credit for his or her packet.

We hope your child is looking forward to entering 5<sup>th</sup> grade in September. Have a safe, fun, and relaxing summer.

Sincerely,

The 5th Grade Team

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## 5<sup>th</sup> Grade Math Summer Assignment Instructions:

1. 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.
2. Go to the 4th Grade Math skills page by clicking on "Math" and selecting the "4" tab on the left-hand side of the page, or by scrolling down to "**Fourth Grade**" and clicking on the skills link next to the word "Math."
3. Refer to the tables and recommended timelines on the back of this letter for the required topics that must be completed by September 8th. *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 assigned topics, you are still required to complete the indicated number of problems between June 20th and September 8th.*
4. You may not use a calculator to complete any of the topics, and you will not be required to hand in scrap work on September 8th. You also may receive help with these topics, but you must be ready to complete the problems from these topics independently when you arrive in 5th grade.

**DISCLAIMER: Be advised that letter/number codes for the skills may change during the summer months. If this happens, please focus on the topic names rather than the codes.**

**Recommended Deadline: July 15th**

| <b>IXL Topic Code</b>         | <b>IXL Topic Name</b>                          | <b>Minimum Number of Problems</b> |
|-------------------------------|--|-----------------------------------|
| <input type="checkbox"/> A.1  | Value of a Digit                               | 10                                |
| <input type="checkbox"/> A.3  | Place Value Names                              | 10                                |
| <input type="checkbox"/> A.12 | Rounding                                       | 10                                |
| <input type="checkbox"/> B.2  | Add Numbers up to Millions: Word Problems      | 10                                |
| <input type="checkbox"/> B.8  | Estimate Sums                                  | 10                                |
| <input type="checkbox"/> C.2  | Subtract Numbers up to Millions: Word Problems | 10                                |
| <input type="checkbox"/> C.6  | Estimate Differences                           | 10                                |

**Recommended Deadline: July 31st**

| <b>IXL Topic Code</b>         | <b>IXL Topic Name</b>                         | <b>Minimum Number of Problems</b> |
|-------------------------------|---|-----------------------------------|
| <input type="checkbox"/> D.18 | Multiply a 2-digit number by a 2-digit number | 5                                 |
| <input type="checkbox"/> D.24 | Multiply Numbers Ending in Zeros              | 5                                 |
| <input type="checkbox"/> E.21 | Divide by 2-Digit Numbers                     | 5                                 |
| <input type="checkbox"/> U.3  | Add and Subtract Decimals: Word Problems      | 5                                 |

**Recommended Deadline: August 15th**

| <b>IXL Topic Code</b>         | <b>IXL Topic Name</b>   | <b>Minimum Number of Problems</b> |
|-------------------------------|---|-----------------------------------|
| <input type="checkbox"/> Q.9  | Add and Subtract Fractions with Like Denominators                               | 5                                 |
| <input type="checkbox"/> Q.14 | Add and Subtract Mixed Numbers with Like Denominators                           | 5                                 |
| <input type="checkbox"/> R.2  | Add Fractions with Unlike Denominators  | 5                                 |
| <input type="checkbox"/> R.4  | Subtract Fractions with Unlike Denominators                                     | 5                                 |
| <input type="checkbox"/> R.15 | Add and Subtract Mixed Numbers with Like and Unlike Denominators: Word Problems | 5                                 |

