

To students entering 4<sup>th</sup> grade,

I am so excited to be your Math teacher next year! Over the summer, I want to make sure you practice the skills you learned in 3<sup>rd</sup> grade so you are ready for 4<sup>th</sup> grade in the fall!

Next year will be an exciting and challenging year. To keep your math skills sharp, you will find a number of IXL skills on the back of this letter to practice over the summer. I ask that you complete the 20 skills. 10 of the skills are from 3<sup>rd</sup> grade to review, and 10 of the skills are 4<sup>th</sup> grade to preview and prepare you for 4<sup>th</sup> grade. You must reach a Smart Score of 85%, but if you can make it to 100% – even better! If a certain skill is too challenging, make a note on the chart and move on to the next skill. Be sure to pace yourself. Don't wait until August to complete these skills. If you do 2-3 skills a week, you should be able to complete the whole list. If you know you are going on vacation over the summer, you may want to try to do 4-5 skills each week for the weeks you are at home. Using a calendar to map out what you will complete is a great idea and a great way to stay organized!

Can you do more than the listed skills? Of course! I have even given you blank spaces at the end of the chart to list any other skills that you completed that were not included on this sheet.

**It is very important that all students have their multiplication and division facts memorized before entering fourth grade. I strongly encourage you to practice your multiplication and division facts throughout the summer! Remember if you don't use it, you lose it! You can go to the 3<sup>rd</sup> grade level and find them at skills F.1 – F.13 and J.1 – J.12.**

I hope you have a fun and safe summer. I look forward to meeting you in September!

Sincerely,



Ms. Jackson

<b>3<sup>rd</sup> grade IXL Review Skills</b>	Smart Score (at least 85)	Date
A.9 Compare numbers		
B.4 Value of a digit		
C.6 Add three numbers up to three digits each		
D.1 Subtract numbers up to three digits		
E.5 Identify multiplication expressions for arrays		
H.8 Multiply one digit numbers by two digit numbers		
I.1 Divide by counting equal groups		
L.2 Divide numbers ending in zeroes		
M.1 Addition, subtraction, multiplication and division facts		
M.9 Addition, subtraction, multiplication and division word problems		
<b>4th Grade IXL Preview Skills</b>		
A.12 Rounding		
M.3 Round money amounts		
J.1 Read a table		
L.1 Find the next shape in a repeating pattern		
N. 2 Which customary unit is appropriate?		
P. 1 Fraction review		
P.4 Mixed number review		
Q.1 Decompose fractions into unit fractions		
Y.1 Lines of symmetry		
Z.1 Acute, obtuse, right and straight angles		