6th Grade Math Summer Activities

Students will complete a series of iXL activities over the summer in order to reinforce prerequisite skills for the upcoming school year. For each skill, students will work toward a **Smart Score of 80** on each activity. It is highly recommended that students watch the iXL video that accompanies each skill.

To access skills, please look under the **Level G** math section, and then select the required skill. As an example, the skill titled "Place Value" would be listed as skill A.2.

If a student works for a half hour on a skill and does not achieve a Smart Score of 80, they *may choose* to move on. Please note this on the chart on the next page. There is a "Smart Score" and "Time Elapsed" log for each skill in iXL. Log the Smart Score if the student is able to achieve a Smart Score of 80 or more. Log the time elapsed if a student worked for over a half hour and was unable to achieve a Smart Score of 80.

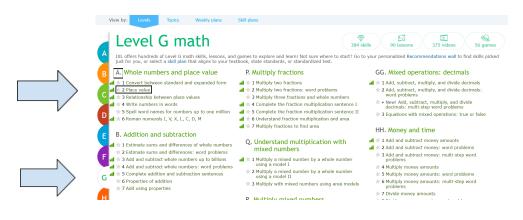
The chart will be collected upon students' return to school for the '25 - '26 school year. Students do not need to work through the chart in order. In addition, there will be a quiz on these topics during the first week of school.

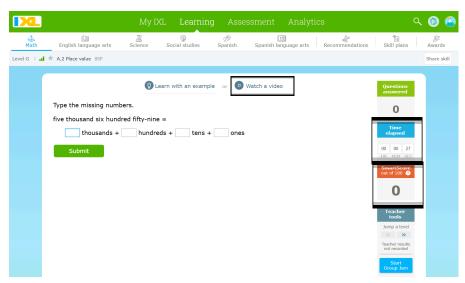
New students should complete the following skills iXL;

Level F = Level 4 (Currently going to 5th grade)

Level G = Level 5 (Currently going to 6th grade)

Level H = Level 6 (Currently going to 7th grade)





Skill	Skill Name	<u>Date</u>	Smart Score OR Time Spent	Parent Initials
A. 1	Convert between standard and expanded form report			
A. 2	Place value			
A. 3	Relationship between place values			
A. 4	Write numbers in words			
A. 5	Spell word names for numbers up to one million			
A. 6	Roman numerals I, V, X, L, C, D, M			
C. 1	Understanding powers of ten			
C. 2	Evaluate powers of ten			
D. 1	Multiplication patterns over increasing place values			
D. 2	Multiply numbers ending in zeros			
D. 3	Multiply numbers ending in zeros: word problems			
D. 4	Multiply a whole number by a power of ten			

Skill	Skill Name	<u>Date</u>	Smart Score OR Time Spent	Parent Initials
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D. 5	Estimate products			
D. 6	Estimate products: word problems			
D. 7	Multiply by 1-digit numbers			
D. 8	Multiply by 1-digit numbers: word problems			
D. 9	Multiply by 2-digit numbers: complete the missing steps			
D. 10	Multiply 2-digit numbers by 2-digit numbers			
E. 6	Divide multi-digit numbers by 1-digit numbers			
E. 7	Divide by 1-digit numbers: interpret remainders			
E. 11	Divide 2-digit and 3-digit numbers by 2-digit numbers			
E. 12	Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems			
HH. 1	Add and subtract money amounts			
HH. 2	Add and subtract money: word problems			

Skill	Skill Name	<u>Date</u>	Smart Score OR Time Spent	Parent Initials
HH. 3	Add and subtract money: multi-step word problems			
HH. 4	Multiply money amounts			
HH. 5	Multiply money amounts: word problems			
HH. 6	Multiply money amounts: multi-step word problems			
HH. 7	Divide money amounts			
HH. 8	Divide money amounts: word problems			
HH. 9	Price lists			
HH. 10	Unit prices			
HH. 11	Find the number of each type of coin			
HH. 12	Convert time units			