Dear New 6th Grade Families,

   As we head into summer, I want to thank students for all their hard work this year, and parents for the many hours you spent supporting your child's progress. This summer to keep their math skills fresh the students will be completing a daily IXL skill for five of the ten weeks of summer (allowing for Fridays and weekends off). This should be a good review of the important concepts we focused on in class this year, without being a burden on their relaxation and free time. It is encouraged that the students work on their skills regularly throughout the summer and not in one lump sum. The provided schedule is flexible enough to allow students time for vacations and summer camps, but daily practice is really what reduces the "summer slide". By following the suggested schedule key concepts are spiraled throughout the summer, so they aren't practiced once in June and then forgotten by August.

Below, you will find the timeline along with details regarding the specific skills, due date, as well as grading and assessment. Please let me know if you have any questions.

Due Date: Friday, August 15, 2024

IXL Website- http://www.ixl.com/

Students should access IXL account using the same username and password that they used during the school year. If you have any questions regarding logging into your IXL account, please email it@myoll.com

Requirements:

- Work must be completed during the date range of **May 29 – August 15**. Therefore**, if a particular skill was already completed prior to this date range, the skill must be re-done during this date range.**

- Students should not use calculators since the purpose of this homework is to practice the skills, and calculators will not be allowed on assessments at school.

Grading:

- Each IXL skill listed must have a score of at least 80%. A score of 80% will be entered as 100%, but true scores will be recorded below 80%. (80=100, 79=79, 78=78, etc.)

- Scores will be averaged and will **count as a single formative grade**.

A note on how to access the skills:
IXL does periodic updates over the summer, and they change the codes that the typically use to access the skills. That is why for summer work we provide three-character code at the end of each skill below because it is not affected by these updates. Students can access the skill by simply typing the three-character code into the search bar at the top of IXL. They should make sure that the skill name matches the one that comes up so they can ensure they are doing the correct practice.

Suggested Timeline & Checklist: 6th Grade Math (5th Grade IXL Skills)

Week 1

_____Multiplying 2-digit numbers by 2-digit numbers (LLJ)

_____Division Facts to 12 (ZWQ)

_____Place values in decimal numbers (X8U)

_____Write fractions in lowest terms (A76)

Week 2

_____Rounding (PVU)

_____Multiply 2-digit numbers by 3-digit numbers (JHB)

_____ Equivalent fractions (MKA)

_____Add and subtract whole numbers: word problems (JYY)

Week 3

_____Add, subtract, multiply and divide whole numbers: word problems (SNZ)

_____Multiply by 2-digits numbers: word problems (J95)

_____Divide 2-digit and 3-digit problems by 2-digit numbers (HMA)

_____Multiply numbers ending in zeroes (3V9)

Week 4

_____Divide 4-digit numbers by 2-digit numbers (35K)

_____Division facts to 12: word problems (2SA)

_____Divide numbers ending in zeroes (J8Y)

_____Multiply by 1-digit numbers (7H4)

Week 5

_____Add and subtract whole numbers up to billions (6J2)

_____Multiply by 3-digit numbers (NSP)

_____Divide multi-digit numbers by 1-digit numbers (XHZ)

_____Divide multi-digit numbers by 1-digit numbers: word problems (5DE)

- Students are welcomed (and encouraged) to practice any other math skills not listed.

- All students should be FLUENT in all multiplication and division facts 0-12. Parents, please check for deficient facts at the beginning of the summer, so students can work on those and be ready by August.