

## UPPER SCHOOL SUMMER MATH WORK 2019

Dear Parents,

Children forget approximately 2.6 months worth of math knowledge over the summer if skills go unpracticed. When students maintain consistent practice over the summer months, students do not require as much review and can perform basic skills with ease when entering the next grade level. Below is a brief list of requirements for summer math work by grade level:

### **Rising Fourth Grade Requirements:**

- Weekly IXL (see detailed list below for rising 4th grade requirements)
- Reflex - 3 times a week
- Problem of the Day Calendar (needs to be turned in the 1st day of school)

### **Rising Fifth Grade Requirements:**

- Weekly IXL (see detailed list below)
- Problem of the day calendar

### **Rising Sixth Grade Requirements:**

- Weekly IXL (see detailed list below)
- Problem of the day calendar

### **IXL Requirements Explained For All Grade Levels:**

- Complete each IXL assigned skill to 85% achievement for the listed summer weeks.
- If you are already at 85% achievement from previous practice, you must complete at least ten questions from each assigned skill for that week.

Teachers will track IXL assignment completion throughout the summer. You may print and record your progress on the schedule below if it helps.

All Problem of the Day Calendars are due on Monday, August 19, 2019.

Have a great summer, and we look forward to seeing you in August!

Ms. Elizabeth Derck, Mrs. Bitsy Ward, Mrs. Liezl Prather, and Ms. Rachel Belfiglio

## Rising 4th Grade

### Required Work:

1. **Problem of the Day Calendar** - Due Monday, August 19th, 2019
2. **Reflex**
  - a. Logging in three times a week and receiving a green light
  - b. The month of June will focus on addition and subtraction
  - c. The months of July and August will focus on multiplication and division 0-12
3. **iXL:** Each week of iXL focuses on a different content area. Students should work to achieve **85% or higher smart score** on each iXL skill. If you are already at 85% achievement from previous practice, you must complete at least ten questions from each assigned skill for that week.

Week	Content	iXL Exercises (All 3rd grade unless otherwise noted)	Achieved 85% Smart Score (✓ when completed)
Week of May 27th	Numbers and Comparing	A.10, A.11, A.12	
Week of June 3rd	Place Values	B.3, B.4, B.7	
Week of June 10th	Addition	C.14, C.15	
Week of June 17th	Subtraction	D.3, D.9	
Week of June 24th	Understanding Multiplication	E.5, E.6, E.7	
Week of July 1st	Mixed Operations	M.2, M.12	
Week of July 8th	Estimation and Rounding	P.1, P.2, P.3	
Week of July 15th	Logical Reasoning	Q.2, Q.3, Q.4	
Week of July 22nd	Patterns	R.1, R.3, R.5	
Week of July 29th	Money	S.2, S.6, S.8	
Week of Aug 5th	Time	T.1, T.3, T.7	
Week of Aug 12th	Division	L.5, M.9	

### Highly Recommended:

- 1) Additional IXL:
  - a) Q section
  - b) P section

- c) M Section
  - d) W.6, W.7, W.8, W.9, W.10, W.11, W.12, W.13, W.14
- 2) The Methodology Summer Samplers are an option for students. These are [pdf format](#) that can be downloaded and printed, a great option for car trips or airplane rides or circumstances when wifi is not available. These are more **skill-based**.  
Go to: <https://methodology.com/m4thodology-summer-samplers/>
- 3) The Methodology Summer Workbooks continue the Singapore Math work completed during the school year and focus on **problem solving and strategies**. This is a good option if your child enjoys being challenged. Here is a [link](#) to the student learning guides that are highly recommended for extra summer work. They are perfect for car trips or airplane rides or trips/camps where students do not have access to wifi.  
Go to: <https://methodology.com/student-learning-guides/>

\*\*\*Be sure to order the workbook for the grade your child just completed, NOT the grade they will be going into