

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 5th Grade

Required Work:

- **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 10 questions from each assigned skill for that week.
- **Problem of the Day Calendar**

Week	Content	iXL Exercises (All 4th grade exercises)	Achieved 85% Smart Score per skill (✓ when completed)
Week of May 27th	Multiplication Facts, Factors, Multiples	D.1, D.2, D.3, D.4	
Week of June 3rd	Place Value/ Rounding	A.2, A.3, A.4, A.12	
Week of June 10th	Prime and Composite Numbers	A.10, A.11	
Week of June 17th	Multiplication/Powers of 10	D.5, D.6, D.8	
Week of June 24th	Multiplication continued	D.18, D.22, D.24	
Week of July 1st	Division	E.4, E.8, E.9	
Week of July 8th	Division/Powers of 10	E.13, E.14, E.18	
Week of July 15th	Equivalent Fractions	P.3, P.4, P.7, P.9, P.10	
Week of July 22nd	Comparing/Ordering Fractions	P.13, P.16, P.17, P.20, P.21	
Week of July 29th	Fraction Operations	P.23, Q.9, Q.14	
Week of Aug 5th	Fraction Operations Continued	R.2, R.4, R.14	
Week of Aug 12th	Decimals	T.4, T.9, T.13, T.16	

Go to: <https://www.ixl.com/signin/oakhillschool>

Username: first initial last name (all lowercase, *example* - lprather)

Password: last name (all lowercase, *example* - prather)

Highly Recommended Work (in addition to the required IXL):

- 4) 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/>

- 5) 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.