

## PHCS Summer Math Work – Rising 6<sup>th</sup> Standard



Dear Parents & Students:

Summer is a time to relax, spend time with family, and hopefully explore new places. We want all students to have a fun filled engaging summer. In addition to the fun, we want to help students continue to think and problem solve through the summer. On average students lose approximately 2.6 months of grade-level equivalency in mathematical computation skills during the summer months. This is the reason we are asking all students to participate in the Summer Math Work Challenge. The challenge is broken down into five weeks. While students may complete skills during any week in the summer, we ask that skills are spread out rather than waiting until right before coming back to school. The purpose of the summer work challenge is to prepare students for next year's math course.

Each teacher carefully chose 20 IXL skills to refresh and prepare for the next level of mathematics. All 20 skills should be completed prior to the first day of the 2023-2024 school year. Summer Work is required and will count for an accountability grade first quarter. Not completing the Summer Math Work Challenge may also affect math placement for the 2023-2024 school year. Let's keep our skills sharp. Have a great summer!

	Skill	IXL	Date Completed
<b>Week 1</b>			
1	<a href="#">Place Value</a>	83P	
2	<a href="#">Add Fractions with Unlike Denominators</a>	D9N	
3	<a href="#">Area of Rectangles with Fractions and Mixed Numbers</a>	PMV	
4	<a href="#">Volume of Cubes and Rectangular Prisms</a>	TFL	
5	<a href="#">Perimeter with Fractional Side Lengths</a>	WQU	
6	<a href="#">Equivalent Fractions</a>	MKA	
7	<a href="#">Subtract Fractions with Unlike Denominators</a>	VSP	
8	<a href="#">Multi-step Problems with Customary or Metric Unit Conversions</a>	ST6	
9	<a href="#">Divide Unit Fractions and Whole Numbers</a>	SP8	
10	<a href="#">Convert between Improper fractions and mixed numbers</a>	B7X	
11	<a href="#">Add and Subtract Decimals</a>	7VJ	
12	<a href="#">Divide by Decimals Without Adding Zeroes</a>	RTS	
13	<a href="#">Multiply by 3-digit Numbers</a>	NSP	
14	<a href="#">Multiply and Divide by Powers of Ten: With Exponents</a>	FXQ	
15	<a href="#">Multiply Decimals: Where Does the Decimal Point Go?</a>	6FA	
16	<a href="#">Graph Points From a Table</a>	HWV	
17	<a href="#">Complete a Table From a Graph</a>	2WL	
18	<a href="#">Compare Decimals and Fractions on Number Lines</a>	DKV	
19	<a href="#">Simplify Fractions</a>	A76	
20	<a href="#">Create Line Plots</a>	ZBV	