Middle School Summer Work

To be completed online on Khan Academy

NXHCH68R - 5th Grade Code - Instructions are at the bottom of the page for signing up to Mr Whelan's Khan Academy Class

Due Date	5th Grade going into 7th	6th Grade going into 7th	7th Grade going into 8th
June 28th	**Common Denominators** ● **Finding Common denominators of Fractions** ● **Using common denominators**	**Adding and subtracting decimals** ● To the tenth place ● To the hundredth place	**Negative numbers** ● Review of negative number properties ● Adding and subtracting with negative numbers
July 5th	**Adding and subtracting fractions with unlike denominators** *NB* This is a very important skill set to have and understand for 6th grade.*	**Negative numbers** ● Review of negative numbers ● Placing negative numbers on the numberline ● Ordering negative numbers.	**Fractions** ● Converting fractions to decimals and percents ● Adding and subtracting fractions ● Comparing rational numbers
July 12th	**Adding and subtracting fractions with unlike denominators** ● Adding and subtracting fractions with unlike denominators word problems ● Multiplying fractions and whole numbers	**Ratios and percents** ● Review of basic ratios and equivalent ratios ● Converting fractions, decimals and percents	**Ratios and proportional relationships** ● Constant of proportionality ● Identifying proportional relationships ● Interpreting graphs
July 19th	**Multiplying decimals** ● Developing estimation skills with Multiplying.	**Ratios and percents** ● Finding a percentage ● Percentage word problems	**Negative numbers; Multiplication and division** ● Multiplying and dividing with negative numbers

	● Developing strategies for multiplying decimals		
July 26th	**Dividing decimals** ● Estimating with dividing decimals. ● Dividing Decimals ● Dividing whole numbers to get a decimal, ie 7 divided by 5.	**Equations and inequalities** ● Review of intro to equations ● Testing solutions to one and two step equations. ● Dividing both sides of an equation	**Expressions, equations and inequalities** ● Combining like terms ● The distributive property
August 2rd	**2 Week Break From Summer Work**	**2 Week Break From Summer Work**	**2 Week Break From Summer Work**
August 9th	**Intro to the coordinate plane** ● Identify coordinates on a plane. ● Graph points on a CP.	**Dividing decimals** ● Whole numbers divided by decimals ● Decimals divided by whole	**Rational word problems** Word problems involving fractions and decimals
August 16th	**Algebraic thinking** ● Writing expressions ● Problems with parenthesis	**Geometry** ● Find the area of Parallelograms, composite shapes and Triangles. ● Find the missing length of one side of these shapes when given the area.	**Geometry** ● Labelling parts of a circle ● Finding the area and circumference of a circle ● Finding scale

Dear parents and Guardians,

Math summer review work will be completed on the website Khan Academy. Find attached a table of work and schedule for completion of each section by grade.

I have been made aware that some students had issues with accessing khan academy last summer but both current middle school grades have used the site without any major issues this year. If you experience difficulty logging in, go to your child's school gmail account and click on any of the links in the emails that khan academy has sent you. This will take you to the login page. From there click on the "Log in with Google" link. Then go to the students profile page and assignments.

Instructions for 5th Grade/moving up to 6th grade students to join Mr Whelan's online Khan Academy Class.

Step 1; Go the Khan Academy website and set up an account, if you do not already have one, using the student's school email address. If you have an existing account, you can continue to use that. ***It is important that you use their school email address because it makes for easier access and problem***

Step 2; Go to their home page and at the top there will be a content bar that lists, *Home, Profile, Badges, Progress, Discussion, Projects, **Coaches.***

Click on ***Coaches*** link and enter this code into the "Join a Class" box - NXHCH68R

The box should become highlighted with a green tinge and say that you have successfully joined Mr Whelan's Class.

Step 3; Go back to the home page, click on assignments in the content Bar and you will find all the summer work there. It is

set up in two week intervals with deadlines every second Friday starting on the 28th of June.

If you have any issue you can contact me at lwhelan@stcasimirschool.us

Have a great summer and don't work too hard.

Mr Whelan