**Middle School Summer Reading**

**Nonfiction book of your choice:** Read a biography, autobiography, or informational book on a topic that interests you. Write a summary of the important information you learned. This summary should be typed, double spaced, and at least one page long.

**Fiction book of your choice:** Read a fictional book that was recommended by a friend or that you have been waiting to read! Make sure the book is appropriate for your reading level.

Choose two projects:

1. Create a collage of pictures that represent the theme of your novel. These can be hand drawn, from magazines, or printed. The theme should be represented on a small poster board. On the back, write the theme in a full sentence. Then write details from the novel that support that theme.
2. Create an illustrated book cover for your novel. On the back, include a summary of the story that describes the main character and the central conflict.
3. Prepare a 3-5 minute video trailer promoting your chosen novel. Use original footage, or copyright free media. (ex. freeplaymusic.com)
4. Write a letter to the author of your chosen novel. Explain what you liked and/or disliked, ask any questions you have about the story/characters, explain what you would have changed if you were the author, and mention at least one thing you will always remember about this novel and why. (\*at least one full page, typed and double spaced, and written in letter format)
5. Write an objective (without opinion) news story reporting the events in your fiction or nonfiction book. This must be at least a page.
6. Write a song or poem about the emotional relationships between the characters in your novel or nonfiction book. The song must be a minimum of 2 minutes in length while reading aloud or singing.

**Middle School Summer Work**

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| **Due Date** | **6th going to 7th**  | **7th going to 8th**  |
| **June 29th**  | **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
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| **July 6th** | **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 13th** | **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
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| **July 20th** | **Adding and subtracting decimals in word problems** | **Negative numbers; Multiplication and division*** Multiplying and dividing with negative numbers
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| **July 27th** | **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
* Interpreting linear expressions
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| **August 3rd** | **Variables and expressions*** Review of Variables and expressions
* Evaluating
 | **Probability*** Review of basic probability
* Theoretical probability
* Comparing probability
 |
| **August 10th** | **Dividing decimals*** Whole numbers divided by decimals
* Decimals divided by whole
 | **Rational word problems**Word problems involving fractions and decimals |
| **August 17th** | **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
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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. Complete one hour each week on given topic.

 I have been made aware that some students had issues with accessing Khan Academy last summer but both 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.

 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