

Dear Parents,

Enclosed you will find a list of math and reading requirements for children **GOING INTO** 1-8 grades.

In order to encourage success in the next grade, we require students to read and strengthen their skills by reviewing math facts over the summer. (Please note that 1<sup>st</sup> and 2<sup>nd</sup> grades are slightly different.)

The required readings are books we feel are excellent. They can be obtained at the public library but they are good books to buy and begin your own personal library. We encourage students to read more than the required amount. Thank you for your help with this. **The grade shown below is the one your child will enter in the fall.**

GRADE	MATH	READING
1	Practice addition and subtraction facts to 10. Know facts to 5. Counting to 50 forward and backward Counting by 5 and 10s to 100	Students read 15 books to parents. Five books per month. A log is provided for your convenience and should be returned on the first day of school
2	Addition and subtraction facts 1 - 10 Counting forward and <u>backward</u> from 1 to 100 Skip counting by 2s, 5s and 10s Check out the fun activities on <a href="http://fun4thebrain.com/">http://fun4thebrain.com/</a>	Students read 15 books to parents. Please keep the attached reading log to record title and number of pages to be returned on the first day of school.
3	Addition and subtraction facts 1 - 20 Practice skip counting by 2,3,4,5,6,7,8,9, & 10 Double-digit addition and subtraction with regrouping Examples: $\begin{array}{r} 12 \\ +19 \\ \hline \end{array}$ $\begin{array}{r} 21 \\ -12 \\ \hline \end{array}$ $\begin{array}{r} 219 \\ +100 \\ \hline \end{array}$ $\begin{array}{r} 321 \\ -133 \\ \hline \end{array}$ 3-digit addition and subtraction with regrouping	<b>Required Reading:</b> <u>Box Car Children Book #1</u> by Gertrude Chandler Warner
4*	Addition and subtraction facts 1-20 and multiplication facts to 12	<b>Required Reading:</b> <u>The Cricket in Time Square</u> by George Selden
5*	Practice and know all multiplication and division facts, up to and including 12 as a factor. Practice and know addition and subtraction facts. Be prepared for a test on each topic during the first week back to school. It is essential that each fifth-grade student have their math facts memorized for the first unit in math.	<b>Required Reading:</b> <u>Souder</u> by William H. Armstrong
6*	Multiplying up to a 3-digit number times a 3-digit number, dividing up to a 2-digit number into a 3-digit number with or without remainders, and multiplication and division facts 0 - 12 reducing fractions. Adding, subtracting, multiplying & dividing decimals and fractions.	<b>Required Reading:</b> <u>Maniac Magee</u> by Jerry Spinelli (Scroll down to complete the "Tic Tac Toe" reading assignment)
7*	Multiplying up to a 3-digit number times a 3-digit number, dividing up to a 3-digit number into a 3-digit number with or without remainders, and multiplication and division facts 0 - 12. Add and subtract integers. Adding, subtracting, multiplying & dividing decimals and fractions. Solving one-step equations with variables. Simplifying algebraic basic expressions.	<b>Required Reading:</b> <u>Shakespeare Stealer</u> by Gary Blackwood Please complete the activity that was emailed. Hard copies of the activity and book are in the main office.
8*	Students coming into 8 <sup>th</sup> grade must be able to add, subtract, multiply, and divide positive and negative numbers. Solve simple equations. Adding, subtracting, multiplying & dividing decimals and fractions. Simplify expressions.	<b>Required Reading:</b> <u>The Outsiders</u> : by S.E. Hinton Please complete the activity (Scroll down to complete the "Tic Tac Toe" reading assignment)

NAME: \_\_\_\_\_

# 1st and 2nd Grade - Books I Read Over the Summer

TITLE	AUTHOR	PAGES
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		

# SUMMER READING: TIC TAC TOE

**Step 1:** Read a book - assigned options by grade on Summer checklist form.

**Step 2:** Complete three squares in a row (horizontal, vertical or diagonal) to make a winning tic-tac-toe.

Make sure to do this on separate sheets of paper. Academic writing is expected.

Make three connections to the text and explain each in a paragraph (text-text, text-self, text-world, text-media).	Create three discussion questions about the plot, characters, or theme, and answer each in its own paragraph response.	Write a three-paragraph summary of the book's plot, including all of the plot elements (exposition, rising action, climax, falling action, resolution).
Create three discussion questions about the plot, characters, or theme, and answer each in its own paragraph response.	Storyboard (at least six boxes - see below the chapter of the book that contains the climax scene-by-scene and caption in 2-3 sentences what is happening.	Make three connections to the text and explain each in a paragraph (text-text, text-self, text-world, text-media).
Find ten vocabulary words in the book that you think are most challenging and list them with definitions. Write an example sentence for each word (not the sentence from the book).	Make three connections to the text and explain each in a paragraph (text-text, text-self, text-world, text-media).	Create three discussion questions about the plot, characters, or theme, and answer each in its own paragraph response.

*(THIS IS JUST ONE OPTION-See the center box on the Tic Tac Toe)*

**Directions:** Choose the chapter of your book that contains the story's climax. Divide what has happened into six scenes (could be part of the same setting if necessary), draw each as best you can and write a short caption (2-3 sentences) explaining each underneath the drawing.

1.	2.	3.
4.	5.	6.