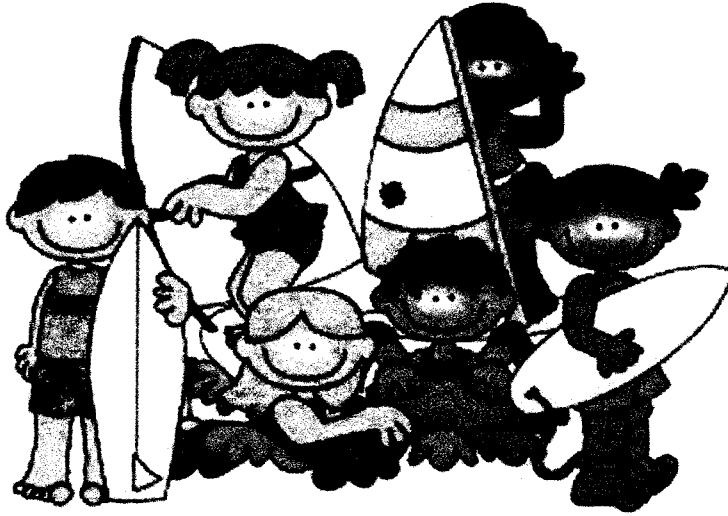


WAVE

SUMMER



Math

Name: _____

Dear Parents,

Each student is expected to engage in fun and consistent math practice throughout the summer to avoid the summer slide. Brains need rest too, however, so don't forget to have fun!

Summer Work Expectations and Guidelines:

1. Print out this packet. If you do not have access to a printer, you may pick up a hard copy at school. This project will be due the first week of school and it will be graded.
2. Please use pencil only.
3. Spend time on i-Ready each week. All students in grades K-8 with an existing i-Ready account will have access through Friday, July 30, 2021. Please use this organizer to help keep track of the completed i-Ready lessons and the score for each lesson.

Date	Lesson Name	Score % Go to: My Progress	Time on Task	Parent's Initials
Mathematics				
	Add Three-Digit Numbers			
	Practice: Use Place Value to Add within 1,000			
	Subtract Three-Digit Numbers			
	Practice: Use Place Value to Subtract within 1,000			
	Add and Subtract within 1,000			
	Add Using Arrays			
	Understand Multiplication, Part 1			
	Break Apart a Number to Multiply			
	Multiply by Multiples of 10			
	Multiplication Word Problems, Part 1			

Family Activities:

- ✓ Involve your child in your shopping experiences. While we love to use our debit and credit cards, find time to allow your child to pay with cash. Other activities include estimating the total cost of the purchase, deciding between items based on price or wants and calculating the change.
- ✓ Board games are a wonderful way for your child to learn turn-taking, game strategies, money, counting and perseverance. These are widely overlooked but critical to developing a strong mathematician.
 - Good game: Shut the Box, Prime Climb, Blokus, Monopoly, Parcheesi, Mancala, Chess
- ✓ Measure, cook and bake with your child.
- ✓ Involve your child in calculating distance traveled, time spent traveling and make the "Are we there yet?" into a math problem.

Multiplication Practice: Practice your multiplication facts. To make it more fun, have someone time you for two minutes to see how many you can complete. If you do not finish in the two minutes be sure to complete the rest of the page.

$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$
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Name: _____

Place Value

Write the numerals below in expanded form.

748 = _____

3,195 = _____

62,014 = _____

Write the numbers in standard (number) form.

$800 + 20 + 6 =$ _____

_____ = $3,000 + 500 + 90 + 1$

$20,000 + 8,000 + 500 + 10 + 5 =$ _____

Use $<$, $>$, or $=$ to make the statements true.

a. $35,204$ $35,402$

b. $6,991$ $9,601$

c. $259,242$ $260,321$

d. $39 + 41$ $38 + 41$

Rounding numbers:

<p style="text-align: center;"><u>1,804</u></p> <p>to the nearest 10 _____</p> <p>to the nearest 100 _____</p>	<p style="text-align: center;"><u>13,328</u></p> <p>to the nearest 10 _____</p> <p>to the nearest 100 _____</p> <p>to the nearest 1,000 _____</p>
--	---

Place Value

Write the numerals below in expanded form.

$382 = \underline{\hspace{10em}}$

$5,104 = \underline{\hspace{10em}}$

$55,291 = \underline{\hspace{10em}}$

Write the numbers in standard (number) form.

$600 + 10 + 9 = \underline{\hspace{5em}}$

$\underline{\hspace{5em}} = 9,000 + 300 + 50 + 8$

$60,000 + 7,000 + 400 + 30 + 2 = \underline{\hspace{5em}}$

Use $<$, $>$, or $=$ to make the statements true.

a. $44,692$ $44,962$

b. $5,291$ $2,291$

c. $349,899$ $350,125$

d. $199 + 102$ $201 + 99$

Rounding numbers:

<u>5,314</u>	<u>25,695</u>
to the nearest 10 _____	to the nearest 10 _____
to the nearest 100 _____	to the nearest 100 _____
	to the nearest 1,000 _____

Addition and Subtraction

Solve the problems below using any efficient strategy.

$$\begin{array}{r} 324 \\ + 219 \\ \hline \end{array}$$

$$\begin{array}{r} 612 \\ + 288 \\ \hline \end{array}$$

$$\begin{array}{r} 4,985 \\ + 1,429 \\ \hline \end{array}$$

$$\begin{array}{r} 852 \\ - 361 \\ \hline \end{array}$$

$$\begin{array}{r} 749 \\ - 392 \\ \hline \end{array}$$

$$\begin{array}{r} 811 \\ - 352 \\ \hline \end{array}$$

$$\begin{array}{r} 4,291 \\ - 2,109 \\ \hline \end{array}$$

$$\begin{array}{r} 6,355 \\ - 3,179 \\ \hline \end{array}$$

Addition and Subtraction

Solve the problems below using any efficient strategy.

$$\begin{array}{r} 643 \\ + 238 \\ \hline \end{array}$$

$$\begin{array}{r} 2,516 \\ + 3,385 \\ \hline \end{array}$$

$$\begin{array}{r} 2,148 \\ + 1,471 \\ \hline \end{array}$$

$$\begin{array}{r} 5,763 \\ - 3,241 \\ \hline \end{array}$$

$$\begin{array}{r} 2,843 \\ - 1,237 \\ \hline \end{array}$$

$$\begin{array}{r} 3,725 \\ - 2,489 \\ \hline \end{array}$$

$$\begin{array}{r} 2,238 \\ - 1,125 \\ \hline \end{array}$$

$$\begin{array}{r} 3,426 \\ - 1,387 \\ \hline \end{array}$$

Solving Story Problems

- a.** The 2nd and 3rd grade classes want to raise \$500 for an animal shelter. The 2nd grade class has raised \$255. The 3rd grade has raised \$213. Did they reach their goal? If not, how much more money do they need to raise?
- b.** Joey and his brother collected shells all summer at the beach. At the end of the summer Joey had 615 shells, which was 125 more than his brother. How many shells did they collect altogether?
- c.** Ms. Sen brought in 5 bags of candy to fill the estimation jar. The estimation jar had 60 candies in it. How many candies were in each bag?
- d.** The 32 3rd grade students went on a field trip to see *101 Dalmatians*. Each car could fit 4 students. How many cars did they need to take?
- e.** Ella was making necklaces to sell. She put 8 beads on each necklace. She made 10 necklaces. She sold each necklace for \$3.00. How much money did she earn?

Solving Story Problems

a. A school was giving a pizza party to the class that raised the most money for a charity. The school's goal was to raise \$1,000. The 4th grade came in second by raising \$375, which was \$152 less than the winning grade. How much did the winning grade raise?

b. At the bake sale on Tuesday, candies were sold in bags of 10. 9 bags were sold at recess. 8 bags were sold afterschool. How many candies were sold on Tuesday?

c. Ella and her two brothers were making lemonade for her stand. They earned \$18 dollars in the morning and \$15 dollars in the afternoon. If they shared the earnings equally, how much money did each child get?

d. For Matty's birthday party, they needed 56 slices of pizza. If a large pizza comes with 8 slices, how many pizzas did they need to order?

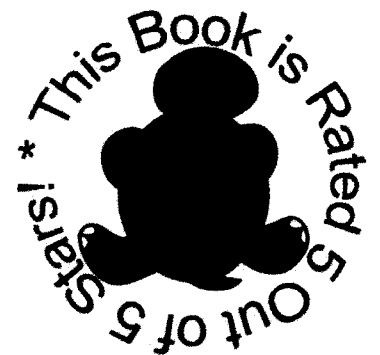
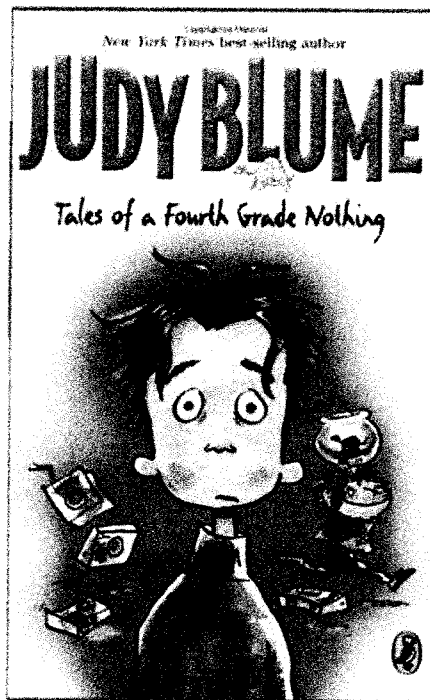
e. Ella was making lemonade for her stand. She put 9 lemons in each batch. She made 7 batches of lemonade. How many lemons did she use?



4th Grade Summer Reading/Writing Assignment:

Tales of a Fourth Grade Nothing

1. Read the novel, "Tales of a Fourth Grade Nothing".
2. Choose Option A, B, or C and complete the assignment.
3. Bring it with you the first day of school.
4. Be ready to present your report to your class the first week of school.
5. Be creative and have fun!



4th Grade Summer Reading/Writing Assignment:

Tales of a Fourth Grade Nothing

Option A:

BOOK REPORT IN A BAG!

(Reading Component: Text Comprehension)

You will demonstrate your understanding of the novel you have read by creating a phenomenal book report! Specific instructions for each element are below.

Read all the instructions before you begin!

1. You will need a grocery brown bag or a large gift bag.
2. Outside of the bag you need to include:
 - Decorate outside of the bag: include pictures and artwork relevant to novel.
 - Include title and author of the novel.
3. Inside the bag you need to include:
 - 5 items that symbolize characters, setting, plot, symbolisms, motifs, theme. You can use the Plot Pyramid Structure to help you decide what to include.
 - For each item you place in the bag, you will need to explain the relevance and meaning that item holds in novel.
4. The sides of the bag need to include:
 - On one the side of the bag, write some "notable quotes" from the book. These are examples that will make others want to read the book.
 - On the other side of the bag, create an acrostic poem of the main character of the book.
5. Write a letter to the book's author after you have read the book. See attached sample for a letter format and follow the directions for each paragraph of the body of the letter. Put the letter in the bag.
do not mail it.
6. Design a bookmark about the book and put it in the bag. The bookmark should have the following:
 - title of the book
 - the author's name
 - a sentence that tells the book's theme or the author's purpose
 - a phrase that encourages others to read the book

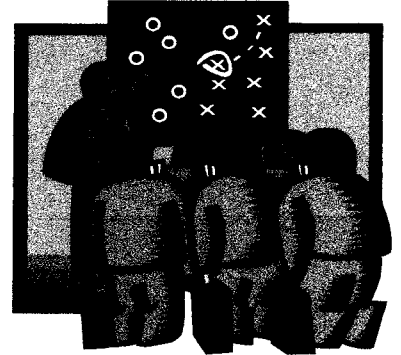
4th Grade Summer Reading/Writing Assignment:

Tales of a Fourth Grade Nothing

Option B:

POWERPOINT PRESENTATION BOOK REPORT

(Reading Component: Text Comprehension)



You will demonstrate your understanding of the novel you have read by creating a fantastic PowerPoint Presentation! Specific instructions for each element follow. Read all the instructions before you begin!

- Be sure to use complete sentences
- Turn in your best work
- Check for spelling, grammar, punctuation and capitalization
- Have fun with this project
- Be creative
- You will be making a presentation on this in class.

DIRECTIONS:

- Include slides for the following items in the order given. You can use include a minimum of 5 slides. Do not exceed 10 slides.
 1. Title and Author of your book, clip art that is appropriate for your book, your name and class period
 2. Setting Illustrations: Use 2-3 photos and/or drawings to illustrate the setting(s) of the book
 3. Characters: List and describe three important characters in the book.
 4. Plot Pyramid: Complete a plot pyramid for the book (you may use words and pictures or just words). *Hint: use the line drawing tool on Power Point. *See attached directions for plot pyramid.
 5. Summary: Detail the important events in the book especially the conflict and resolution.
 6. Quote Interpretation: Write down one quote (or more than one if you wish) from the story that has a lot of meaning. In 2-3 sentences, explain what the quote means and why. You must use evidence from the novel to explain what you mean.

4th Grade Summer Reading/Writing Assignment:

Tales of a Fourth Grade Nothing

Option C

A NOVEL BREAKFAST CEREAL

(Reading Component: Text Comprehension)

You will demonstrate your understanding of the novel by creating a creative Cereal Box Book Report! Specific instructions are found below. Read all the instructions before you begin!

After reading a book of your choice, complete the following project.

1. Cover an empty cereal box with paper (gift wrap, newspaper, white paper, etc.).
2. Design the front panel of the box. Include the following information: the book's title, the author's name, an illustration, a summary sentence about the book, and your own name.
3. On one side panel of the box, list some of the story's ingredients. Include the setting, main characters, plot, climax, etc. You can use the Plot Pyramid Structure to help you decide what to include.
4. On the opposite panel of the box, write some "notable quotes" from the book. These are examples that will make others want to read the book.
5. On the back panel, create a game that includes important facts about the characters. Your game should teach the player about the book.
6. Put a surprise toy inside the box. The toy should represent some aspect of the book. You will use it to help talk about your book in an oral presentation.
7. Write a letter to the book's author after you have read the book. See attached sample for a letter format. Put the letter in the box. Do not mail it.
8. Design a bookmark about the book and put it in the box. The bookmark should have the following:
 - title of the book
 - the author's name
 - a sentence that tells the book's theme or the author's purpose
 - a phrase that encourages others to read the book



4th Grade Summer Reading/Writing Assignment:

Tales of a Fourth Grade Nothing

Here are some samples.



"Book in a Bag"



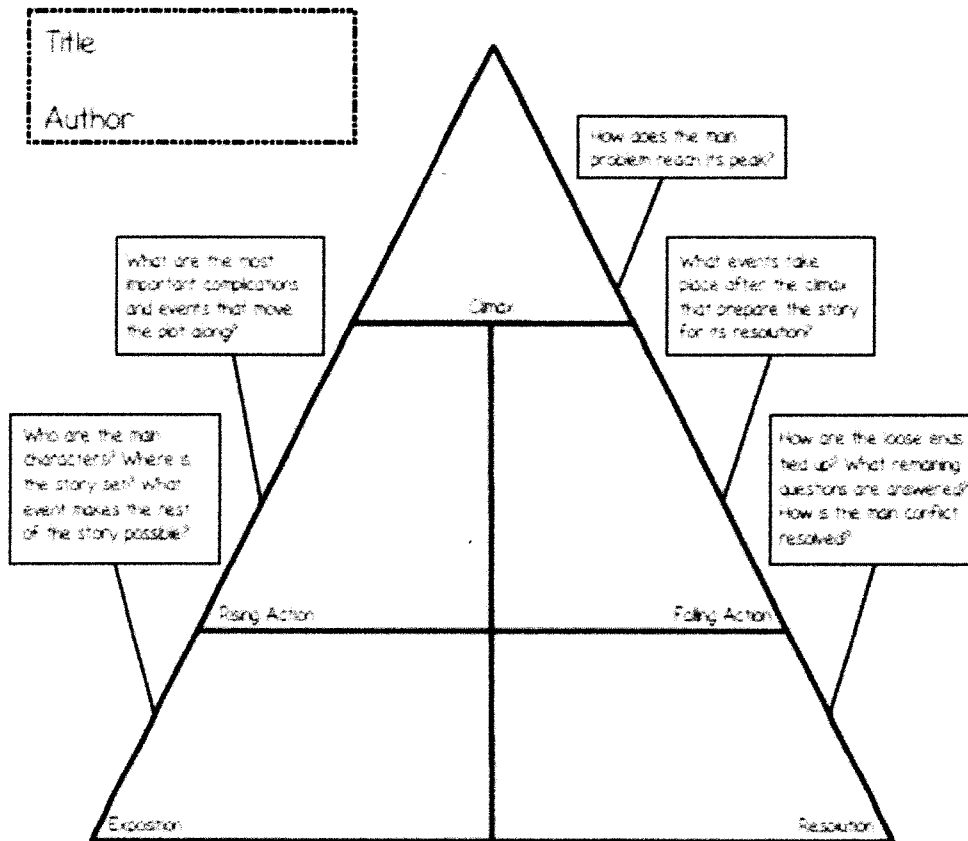
Novel Breakfast Cereal

4th Grade Summer Reading/Writing Assignment:

Tales of a Fourth Grade Nothing

Plot Pyramid Structure

Most fictional stories that you read have the same basic structure. The beginning of a story is called the exposition. This is where the characters are introduced, the setting is described, and any background information is revealed. The inciting incident sets the story in motion and makes the rest of the story possible. The rising action moves the plot along as complications arise and conflicts become more intense. When the conflict reaches its most intense part, this is called the climax. During the falling action, the excitement subsides and the story starts to wrap up. At the resolution, remaining questions are answered and conflicts are resolved as the story reaches the end.



Plot Pyramid Structure - Fill-in Version

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4th Grade Summer Reading/Writing Assignment:

Tales of a Fourth Grade Nothing

	Date Your street # & street Your City, State ZIP
	Author's Name Address for Author (find online or make one up) City, State ZIP
	Dear Author's Name:
	<u>Paragraph One</u> tells the author that you read her/his book and explains what you liked or didn't like about it. BE SPECIFIC!! Give examples and details.
	<u>Paragraph Two</u> asks questions of the author for things that you would like to know about him/her and how he/she went about writing the book. Be sure to ask thoughtful questions, not just how old they are, etc. Ask several questions.
	<u>Paragraph Three</u> thanks the author and tells him/her if you will recommend the book to your friends and gives reasons why or why not.
	<u>Paragraph Four</u> - Anything else you would like to say.
	Sincerely,
	Your signature
	Your typed name

Be sure to pay attention to spacing, indentions, punctuation, etc., for this letter format! :) Your letter may be typed or neatly hand-written.