

Entering Fourth Grade

We hope that everyone is ready to enjoy a relaxing and fun-filled summer, but as you are enjoying these summer months please remember to keep reading! Fourth grade students will be asked to read at least three books this summer. Of course, we encourage you not to stop at three books. We would like you to read as many books as possible, because we know how important it is to be a lifelong reader! You will find an attached sheet, which has many different genres and varieties of books, but you may also read books that are not part of this list. Just remember to keep reading!

This summer, all students should:

- Read at least 3 books: one required book (fiction), one non-fiction book, and one book of your choice.
- Write down all the books they read on their **Summer Reading Log**. I also ask that parents sign/initial their reading log.
- Keep a reading response journal with 5 entries. **You only have to keep a journal about the required reading (one book)**. The students should bring these journals to school in the beginning of the year, to help complete an in-class project.

Required Reading:

Students should choose at least one of these books to read over the summer and keep a journal about the story:

- **Tales of a Fourth Grade Nothing**, by Judy Blume
- **Wish Tree** by Katherine Applegate
- **Spy School** by Stuart Gibbs (Any in the series)
- **“I Survived” Series**
- **Lemonade War** by Jacqueline Davies (series)

As you are reading the required book from the list on page one, you will also complete 5 journal entries about your story. You may write your journal entries in a notebook, a journal, or any type of copybook. You may also type your entries. You should write at least a few sentences for each entry (but of course I encourage you to write as many as you want!). These responses will help you organize your thoughts, explore the books you are reading, and even come up with new ideas! Here are your response questions:

Before you even start reading, look at the title, the chapter names, the pictures, etc. Make some predictions about what will happen in the story.

1. Describe the setting (the time and place). You may also add a drawing.
2. Describe your favorite character and explain why you like them. Then describe your least favorite character and explain why you do not like them.
3. What is one problem that the character faces in the story? What is the solution?
4. Tell me about 3 or more **important** events in the story.


You may also add any extra journal entries that you want!

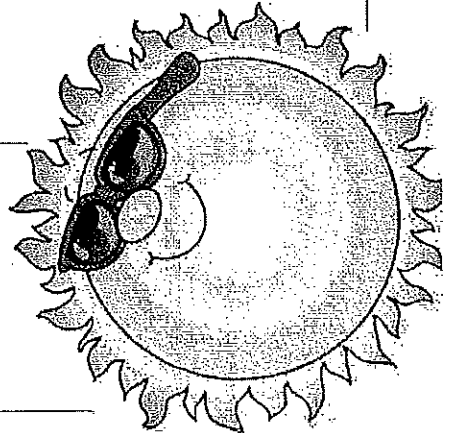
Revised May 2019

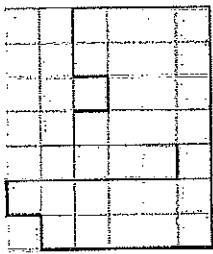
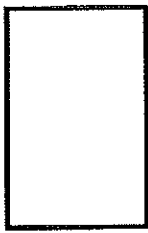
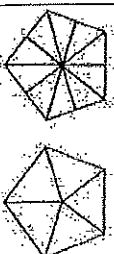
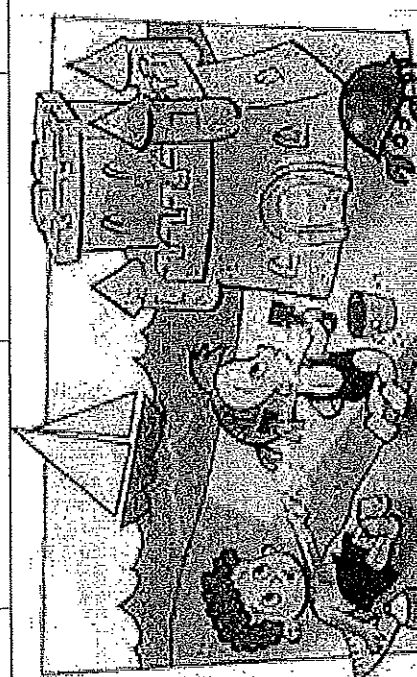
Summer Reading Log: 4th Grade (at least 3 books)

Title	Author	Fiction or Nonfiction	Parents' Initials/ Signature
Example: Tales of a Fourth Grade Nothing	Judy Blume	F	JLG

Summer Math Activities Calendar for Students Entering 4th Grade - July

<p>1. Martin drew 4 rows of seashells with 5 seashells in each row. How many seashells did he draw in all? Write an equation to represent how you could find this using multiplication.</p>	<p>2. Play Math Match + - x /</p> <ul style="list-style-type: none"> Go to http://www.abcya.com Choose Grade 3 Select Math Match + - x / <p>Play multiplication at all levels.</p>	<p>3. Grace counted 337 cars in the parking lot. To the nearest hundred, how many cars did Grace count? Can you think of a number that is less than 300 that when rounded to the nearest hundred is 300?</p>	<p>4. At the grocery store with your parents, estimate the bill by rounding numbers to the nearest whole number and multiplying when buying more than one of the item. Keep track on a piece of paper and add as your parents fill the cart! Is your estimate close to the actual amount?</p>	<p>5. What fraction is this?</p>  <p>Write an equivalent fraction to this fraction to this value.</p>	<p>6. Play Fraction Fling</p> <ul style="list-style-type: none"> Go to http://www.abcya.com Choose Grade 3 Select Fraction Fling <p>Play without using mixed numbers.</p>	<p>7. You are drawing a picture on your driveway with chalk that is 4 feet long and 7 feet wide. What is the area of your picture?</p>
<p>8. Do the Pattern Predictor activity (see attached).</p>	<p>9. Draw a quadrilateral that is not a rectangle or a square but has four equal sides. What is the name of this shape?</p>	<p>10. Make flashcards for all of the multiplication facts. (See list attached) Practice your multiplication flashcards.</p>	<p>11. There are 677 people going to Six Flags. Of these, 352 of them are from Suffield. How many people going to Six Flags are not from Suffield?</p>	<p>12. Marcy bought 4 boxes of pink beads. Each box has 50 pink beads. She also bought 3 boxes of blue beads. Each box has 20 blue beads. How many more pink beads than blue beads did Marcy buy?</p>	<p>13. Play Grand Slam Math</p> <ul style="list-style-type: none"> Go to http://www.mathplayground.com Choose Addition and Subtraction Choose Math (Under Addition and Subtraction Word Problems) <p>Play level 1 and 2</p>	<p>14. On a walk on the beach or outside, pick up as many different sea shells or leaves as you can of all different sizes. Measure each one to the nearest fourth of an inch. Are any two the same size? How much longer is the largest than the smallest?</p>

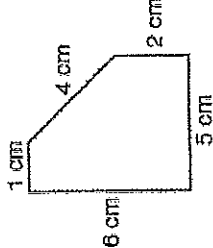


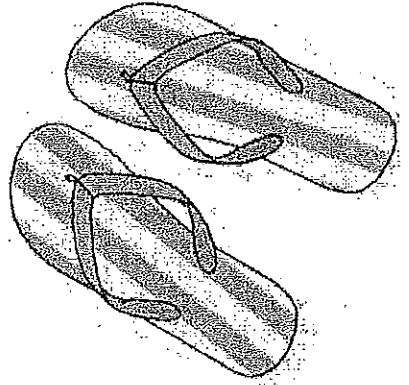
<p>15. Tony ate $\frac{1}{3}$ of the cake and John ate $\frac{1}{6}$ of the cake. Who ate more? Draw a picture to show your reasoning.</p>	<p>16. Complete the Healthy Cookies? Activity (see attached).</p>	<p>17. Determine the area of the figure below:</p> 	<p>18. Practice your multiplication flashcards.</p>	<p>19. Complete the Rolling the Dice Activity (See attached).</p>	<p>20. Play Equivalent Fraction BINGO</p> <ul style="list-style-type: none"> Go to http://www.abcya.com Choose Grade 3 Select Equivalent Fraction BINGO <p>Play Easy and Challenge.</p>	<p>21. Divide the shape into 5 equal parts. Color in $\frac{1}{5}$ of the area of the shape.</p> 
<p>22. Make flashcards for all of the division facts. (See list attached) Practice your division flashcards.</p>	<p>23. Jill has \$15 in her bank account. Jack has 10 times as much money as Jill. How much does Jack have in his bank account?</p>	<p>24. Using ads from a magazine or the newspaper, find three items you would like to purchase. What is the total cost of all of these items? Write a letter to your parents explaining what the items are and why you want these items.</p>	<p>25. Predict your daily schedule for today to the nearest minute. Keep track of what you actually did. Did you follow the schedule? How early or late were you for each activity?</p>	<p>26. Shade equal parts of these to shapes and write two equivalent fractions based on your picture:</p> 	<p>27. Play Measuring</p> <ul style="list-style-type: none"> Go to http://www.abcya.com Choose Grade 3 Select Measuring. <p>Play centimeters halves and inches halves and quarters.</p>	<p>28. Play a game such as Connect Four, Checkers, Chess, etc. to work on your strategies skills.</p>
<p>29. A square dance floor has a perimeter of 32 meters. What is the length of each side of the dance floor?</p>	<p>30. Draw a polygon with 6 sides that are equal in length. What is the name of this polygon? Can you draw a polygon with 6 sides that are not all equal? Does it still have the same name?</p>	<p>31. Practice your division flashcards.</p>				

Summer Math Activities Calendar for Students Entering 4th Grade - August

<p>1. Complete the Name Banner activity (See attached).</p>	<p>2. Play a game like basketball, bowling, or mini golf. Help keep score. Who had the most points? Who had the least points? Who won the game?</p>	<p>3. What is fact family for 24? Write all of the facts that are created by these three numbers. Can you think of another fact family for 66? If so, write all of the facts created by this family as well. Are any the same?</p>	<p>4. Frankie \$435. He bought a camera for \$170 and a camera bag for \$54. How much money does Frankie have left?</p>	<p>5. Mix your multiplication and division flashcards together and practice both</p>	<p>6. Math Match + - x /.</p> <ul style="list-style-type: none"> Go to http://www.abcva.com Choose Grade 3 Select Math Match + - x /. <p>Play division at all levels.</p>	<p>7. What is 362 - 185? How can you check your answer?</p>
<p>8. When sharing pizza, cake, lasagna or any other meal that is cut into equal pieces, keep track of how much each person is eating. Plot how much each person has eaten on a number line. Order who ate the least to the most. Is this pattern common when you eat with this group of people?</p>	<p>9. A pizza had 9 slices. Marc ate 2 pieces. What fraction of the pizza did he eat?</p>	<p>10. Mix your multiplication and division flashcards together and practice both</p>	<p>11. Sara says that $\frac{1}{2}$ of grape is equal to $\frac{1}{2}$ of an orange. Explain to Sara why this is not true.</p>	<p>12. Help your parents cook dinner or bake dessert. Help measure out liquids and solids in measuring cups.</p>	<p>13. Play Representing Fractions</p> <ul style="list-style-type: none"> Go to http://www.mathplayground.com Choose Fractions and Decimals Choose Representing Fractions 	<p>14. If Katie paints $\frac{1}{8}$ of the wall, Jodie paints $\frac{3}{8}$ of it, Chris paints $\frac{1}{4}$ of it and Jared paints $\frac{2}{8}$ of it, draw and shade the part that each person is painting of the wall below.</p> <div data-bbox="1201 168 1331 430" style="border: 1px solid black; width: 80px; height: 125px; margin: 10px auto;"></div>



<p>15. Draw a picture of your house from memory. How many squares are there? How many rectangles? How many rhombuses? How many quadrilaterals did you draw that are none of these? Did you use any circles or triangles? Now go outside and compare your drawing to your house. Did you miss anything? How many of each shape did you miss, where were they?</p>	<p>16. Mix your multiplication and division flashcards together and practice both</p>	<p>17. What time do you eat breakfast? What time do you eat lunch? What time do you eat dinner? How much time passes between breakfast and lunch? How much time passes between lunch and dinner?</p>	<p>18. At the grocery store, weigh three different fruits or vegetables that are the same size. Do they weigh the same? If not, why do you think this happens? Can you name three similar items that are the same size but have very different weights? What is causing this?</p>	<p>19. Derek's family drinks 3 containers of orange juice per week. If there are 2 liters of orange juice per container, how many liters do they drink in a week? If one gallon of milk is about 4 liters and Derek's family drinks one gallon of milk per week, do they drink more orange juice or milk in a week?</p>	<p>20. Play Grand Slam Math</p> <ul style="list-style-type: none"> Go to http://www.mathplayground.com Choose Geometry Choose Area and Perimeter <p>Play level 1 and 2</p>	<p>21. Have a friend trace an outline of you using sidewalk chalk at the park or in your driveway. Measure your height to the nearest quarter inch. Measure your arms and legs to the nearest quarter inch. Now trace your friend and do the same. Who is taller and by how much? Does the taller person have longer or shorter legs? Do they have longer or shorter arms?</p>
<p>22. What is the perimeter of the following figure:</p> 	<p>23. Perform the Amazing Math Prediction for your friend. (See attached)</p>	<p>24. Using graph paper, draw two rectangles that have the same area but different perimeters. Can you do this with a square? Explain why or why not.</p>	<p>25. There are 9 boxes of books at the Summer Book Sale. Each box had 8 books. A total of 66 books were sold. How many are left?</p>	<p>26. Mix your multiplication and division flashcards together and practice both</p>	<p>27. Play Division</p> <ul style="list-style-type: none"> Go to http://www.mathplayground.com Choose Multiplication and Division Choose Division (with the orange tank) <p>Play the range: From 1 to 12 at any speed</p>	<p>28. Measuring to the nearest foot, measure the dimensions of your bedroom. What is the perimeter and area of your bedroom? Measure your sibling's or parents' bedroom and find its area and perimeter. Who has the bigger room?</p>



<p>29. Jack read 8 pages on Monday, 16 pages on Tuesday, 24 pages on Wednesday, and 32 pages on Thursday. If the pattern continues, how many pages will he read on Friday?</p>	<p>30. Make a schedule for your morning routine for school (when you wake up, when you shower, etc.) to the nearest minute. Try this routine for the next few days as you get ready to start the new year!</p>	<p>31. Play Equivalent Fractions</p> <ul style="list-style-type: none"> Go to http://www.mathplayground.com Choose Fractions and Decimals <p>Choose Equivalent Fractions (with the green circles)</p>
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