

## 4th Grade

# Summer Learning Loss Statistics



- It can take up to **2 months** from the first day of school for a student's brain development to get back on track.
- **Six weeks** in the fall are spent re-learning **OLD** material to make up for summer learning loss!

**Nearly 3 months of math skills are lost over the summer months.**

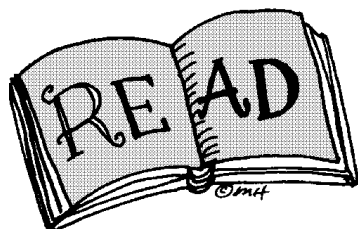
**PREVENT SUMMER LOSS! Work your brain:**

- **EducationGalaxy.com**
- **GregTangMath.com**
- **Reflex Math (math fact practice)**
- **Calendar Math (see attached)**
- **BedTimeMath.org**
- **www.whatdowedoallday.com/diy-summer-math-camp/**
- **EnVision Textbook**

**2 months of reading skills are lost over the summer months.**

**PREVENT SUMMER LOSS! WORK your brain:**

- **TumbleBook Library**
- **BrainPop**
- **Noredink.com**
- **Read Theory**
- **Learning.com**
- **Fort Bend County Library**
- **Reading Journal (see attached)**


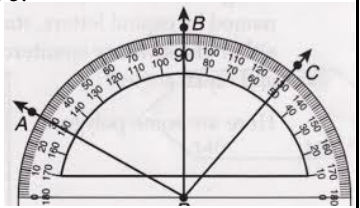
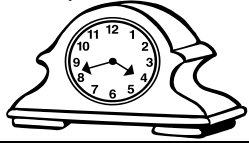


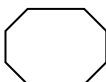



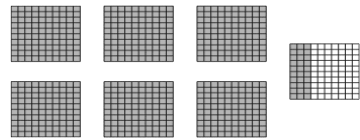
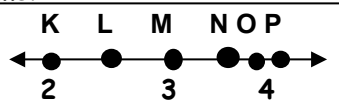





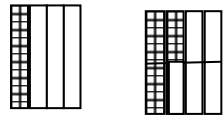

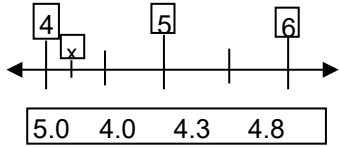
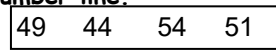
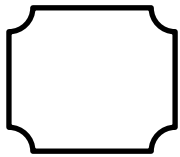

**2-3 hours per week during summer vacation is needed to prevent learning loss. Spend **30 minutes** WORKING YOUR BRAIN each morning before any other activities. This is when a child's brain is used to learning.**






# JUNE 2020

# 4TH GRADE

# Summer Math Fun

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>1 Measure your height in inches and weigh yourself in pounds. Record the results in notebook.</p> 	<p>2 Name an equivalent fraction for:</p> <p>1) <math>2/4 =</math></p> <p>2) <math>1/5 =</math></p> <p>3) <math>6/8 =</math></p> <p>4) <math>2/3 =</math></p>	<p>3 Write the following numbers in expanded form:</p> <p>1) 125,162,094</p> <p>2) 1,605,875</p> <p>3) 64,280.84</p> <p>4) 340,098.72</p>	<p>4 Sally set up a lemonade stand. Her costs were \$47. She sold 29 cups of lemonade for \$2 each. What was her profit?</p>	<p>5 How many ways can you make 153?</p> <p><math>(4 \times 8) + 70 + 51 = 153</math></p> <p><math>459 \div 3 = 153</math></p> <p>Write at least 10 ways.</p>
<p>8 How many days until school starts on August 12? Can you use only multiplication and addition to find out?</p>	<p>9 Debra had 435 pennies. She exchanged them for nickels at the bank. How many nickels did she get?</p>	<p>10 Use a number line and round the following numbers to the nearest 100.</p> <p>1) 6,964</p> <p>2) 946,067</p> <p>3) 38,922</p>	<p>11 Tucker has a ball game at 6:30PM. The game lasts an hour. It takes 45 minutes to get home from the ball park. What time will Tucker get home?</p>	<p>12 What is the measure of angle BPC?</p> 
<p>15 It rained at 3:42AM. What time was it 40 minutes before after rained?</p> 	<p>16 Andy bought a small drink at the movie. Which is the best estimate of the amount of drink he bought?</p> <p>a) 1 quart      c) 8 ounces</p> <p>b) 1 liter      d) 1 gallon</p>	<p>17 My digits are 0,2,3,4. I am divisible by 2,3,4,5,6,9, and 10. What number am I? Go through each divisibility rule and explain why your number is divisible by that number.</p>	<p>18 Name each polygon:</p> <p>1  2 </p> <p>3  4 </p>	<p>19 If the area of a square is 36 units, what is the perimeter? Draw a picture showing the area. Use it to find the perimeter.</p>
<p>22 There are 16 baseball teams in the league. Each team received 95 new baseballs. How many baseballs were given out in all?</p> 	<p>23 I am a two-digit number that is a multiple of 4. I am less than 48 and more than 24. My ones digit is not a 2, 4, 6 or 8. Who am I?</p>	<p>24 For every 6 children going to the zoo, one adult comes along. How many adults will accompany 83 children? (Hint: make a table)</p> 	<p>25 Write this decimal number in expanded form.</p> <p>30,965,346.28</p>	<p>26 Name the mixed decimal number for this picture.</p> 
<p>29 List the ages of everyone in your family, including yourself. Make a stem and leaf plot to show all of the ages.</p>	<p>30 Which point best represents 3.75 on the number line?</p> 			

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		1 America became an independent nation on July 4, 1776. How many years have we celebrated our freedom on the 4th of July?	2 Add and then compare the sums. $\frac{1}{4} + \frac{2}{4} =$ 	3 Mary practiced soccer from 2:20 PM until 3:05 PM. How long did Mary practice? 
6 Solve each multiplication problem. Reverse the factors and multiply again to check. <div><math>\begin{array}{r} 43 \\ \times 66 \\ \hline \end{array}</math> example</div> <div><math>\begin{array}{r} 94 \\ \times 17 \\ \hline \end{array}</math><math>\begin{array}{r} 53 \\ \times 89 \\ \hline \end{array}</math><math>\begin{array}{r} 62 \\ \times 63 \\ \hline \end{array}</math> SOLVE</div>	7 Which is most likely the capacity for a carton of ice cream? a) 4 pints      c) 4 ounces b) 4 gallons    d) 1 cup	8 Can you count by tenths? What are the next five numbers after 0.7? Record them in your notebook.	9 How many ways can you make \$1 using pennies, nickels, dimes and quarters? Make an organized list. 	10 Groups of 12 tour the museum. About how many groups are needed for 89 people? Use compatible numbers to figure it out.
13 The two rectangles are shaded to show that $\frac{1}{4}$ is less than _____. 	14 Round each number to the nearest thousand. 1) 657,316 2) 11,720 3) 8,841 4) 32,503	15 Blanca climbed 7 feet up a tree. Sam climbed 87 inches up the tree. Who climbed higher? Explain how you know. 	16 Point x best represents what number? 	17 Jill's secret number rounded to the nearest ten is 50. Which number could not be Jill's number? Justify with a number line. 
20 Alex can read 104 words per minute. What is the best estimate of the number of words Alex can read in 30 minutes?	21 How many lines of symmetry can you draw for this shape? 	22 Write the following in your notebook. Fill in the missing numbers. <div><math>\_, \_, \_, 79, 76, 73, \_, \_, \_</math> <math>\_, \_, \_, 50, 54, 58, \_, \_, \_</math> <math>\_, \_, \_, 48, 47, 49, 48, \_, \_, \_</math></div>	23 Billy and Joey play on the same baseball team. Together they made 12 runs. Billy scored twice as many runs as Joey. How many runs did each boy score? (Make a table or list.)	24 Draw 4 clock faces. Show these times on the clocks: 1) the time you get up 2) time you go to bed 3) 45 minutes before you go to bed 4) 50 minutes after you get up
27 Using pictures of base ten blocks, draw a picture showing 2.38 and explain your thinking. 	28 The library is open a total of 56 hours a week. How many hours on average is the library open each day?	29 How many ways can you make your age? (for example: age 5 = 2 + 3, 1, etc.) Write as many as you can think of.	30 Use this code: a=1¢, b=2¢, c=3¢, d=4¢, e=5¢, f=6¢, g=7¢, h=8¢. . . Z=26¢. How much is your name worth? How many words worth \$1.00 can you find?	31 Estimate how long your foot is to the nearest $\frac{1}{2}$ inch. Record your estimate. Now measure your foot to the nearest $\frac{1}{2}$ inch. Record. How close was your estimate?

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>3 How many right, acute, and obtuse angles does this figure have?</p> 	<p>4 Andres climbed 8 feet up a tree. Jay climbed 94 inches. Who climbed the highest?</p> 	<p>5 Write the number that has a 4 in the tens place, a 6 in the thousands place, a 3 in the ones place, a 7 in the hundreds place, and an 8 in the ten thousands place.</p>	<p>6 Back to school shopping time! You buy two T-shirts at \$6.45 each and a pair of shorts for \$5.19. You pay with a \$20 bill. How much change should you receive? Show with a strip diagram.</p>	<p>7 Count by 4s to 100. Write the numbers as you say them. How many 4s does it take to make 100?</p>
<p>10 Measure your height. Record. Weigh yourself. Record. Look at your notebook page for June 1. How much have you grown?</p> 	<p>11 Use mental math. Write the answer in your notebook and explain how you solved each.</p> <div style="border: 1px solid black; padding: 5px;"> <math>10 \times 5 \text{ plus } 2 \times 6 =</math>  <math>4 \times 4 \text{ plus } 6 \times 9 =</math>  <math>6 \times 5 \text{ plus } 6 \times 8 =</math>  <math>9 \times 2 \text{ plus } 11 \times 2 =</math> </div>	<p>12 First day of school!</p> 	<p>13</p> <div style="border: 2px solid black; border-radius: 15px; padding: 10px; text-align: center;"> <p>Congratulations! You have continued to grow your brain this summer! You</p> </div> <p>14</p> 	
17	18	19	20	21
24				

# Summer Journal for 3<sup>rd</sup> and 4<sup>th</sup> Graders

Nearly all children experience *Summer Learning Loss*. To prevent your child from falling behind academically over the summer, your child is asked to complete a summer journal.

Directions for Students:

**The Journal:** Please purchase a composition book to be used as a summer journal.

To the right is an example of the required journal.



**Writing Entries:** All writing entries should begin at the front of the journal. Date the top of each entry. You may write more than one entry on the same page.

**Reading Log:** Each night you should read a minimum of twenty minutes. Please visit your local library branch for books and fun incentives to read. You may write more than one entry on the same page. All journal entries must be at least FIVE sentences long. This will prepare your child as they enter the next grade level when they will be writing paragraph essays.

**Create your own reading log in your journal including date, book title and/or chapter.**

**What am I handing in to my child's teacher?**

- 1) Completed Writing Journal.
- 2) Completed Reading Journal.

**Encourage your child to go on the following websites to read informational texts of high interest:**

- [www.wonderopolis.com](http://www.wonderopolis.com)
- [www.newsella.com](http://www.newsella.com)

## 4<sup>TH</sup> GRADE READING RESPONSE MENU

# — fiction — READING RESPONSE menu

<b>1</b> What do you predict will happen next?	<b>2</b> What is the story mostly about? Explain.	<b>3</b> Why do you think the author wrote this story? Explain.	<b>4</b> Is there a character you would want to be from the story? Why?
<b>5</b> Create a poster to illustrate the main character in the setting of the story.	<b>6</b> Write 2 questions you asked yourself while reading.	<b>7</b> Write a short summary about what you read today.	<b>8</b> Write a paragraph telling whether or not you would recommend this book.
<b>9</b> What is the theme of your story? What lesson did you learn? Explain.	<b>10</b> What has been your favorite part of the story so far? Why?	<b>11</b> Write about a cause and effect that happened in the story.	<b>12</b> Who is the main character in the story? Write 3 things about him or her.
<b>13</b> What is the setting of the story? Explain how you know.	<b>14</b> Find a word you do not know. Write it down and look up the meaning. Write it in a sentence.	<b>15</b> Compare two characters in the story? How are they alike? How are they different?	<b>16</b> What is the main problem in the story? Explain how you know. How was it solved?

## 4<sup>TH</sup> GRADE READING RESPONSE MENU

# —non-fiction— READING RESPONSE menu

<b>1</b> What is the part you read mainly about?	<b>2</b> Why is this topic important? Explain.	<b>3</b> How could you learn more about this topic?	<b>4</b> Create a KWL chart about the topic of your book.
<b>5</b> Create a picture that could go along with what you read. Include the caption.	<b>6</b> Write 2 questions you asked yourself while reading.	<b>7</b> Write a short summary about what you read today.	<b>8</b> Write a paragraph telling whether or not you would recommend this book.
<b>9</b> Write one fact and one opinion from the selection you just read.	<b>10</b> Would you like to read more books about this topic? Why or why not?	<b>11</b> What have you found interesting about what you have read so far? Explain.	<b>12</b> Write at least 2 facts you learned while reading.
<b>13</b> What else do you want to know about this topic?	<b>14</b> Find a word you do not know. Write it down and look up the meaning. Write it in a sentence.	<b>15</b> Find a text feature in your reading. What was it? How did it help you understand?	<b>16</b> What is something that surprised you? Why?



# Fiction Responses

1. Which character do you like the most in your book? Why?
2. What do you predict will happen next in this story? What information in the text helped you make that prediction?
3. What is the main problem of the story? If you know, how was the problem solved?
4. Would you like to be a character in this story? Why or why not?
5. How do you feel about this story? Would you recommend it to someone else? Why or why not?
6. Summarize what you read today. What were the most important events? Did you learn anything new about the characters?
7. Is what you read believable? Why or why not?
8. Pretend you are interviewing the main character of the story. What two questions would you ask them?
9. If you could trade places with one of the characters who would it be? Why?
10. Is there anything you would change about this story? What would it be? Why would you change it?

# Non Fiction Responses

1. What is the selection you read mainly about?
2. What did you learn while reading?
3. Why did the author probably write this selection? How do you know?
4. What was the main idea of what you read? What were the supporting details that told you more about the main idea?
5. How and where could you find out more information about the topic read about today?
6. What else would you like to know about the topic you read about?
7. Were there any text features that helped you better understand your reading? What were they and how did they help you?
8. What did you find interesting as you were reading today?
9. What do you remember most about what you read?
10. Did you find an interesting word while you were reading? What was it? Use a dictionary to find out its meaning and write a sentence of your own using the interesting word that you



Questions/conversation stems to use to spark meaningful conversations with your child about their reading😊 Please know and understand these are just suggestions...you are not limited to just these😊

### IF you are reading Poetry:

What is the main message in the poem?

Lines\_\_\_\_\_through\_\_\_\_\_are included in the poem because they\_\_\_\_\_....

What kind of feeling does the poet send to its reader in the poem? OR What type of mood does the poem create?

Why do you think the poet gave this poem the title, "\_\_\_\_\_"

What is the speaker doing in the poem?

### IF you are reading expository/informational text:

Why does the author include heading in bold print? What is the purpose of the headings?

The author includes the pictures to help you with.....? What do the captions tell you as a reader??

What are some other text features (bold print words, tables, graphs, charts, etc...) that are included in the text to help you? How have they helped you better understand the text?

What are the most important points (VIPS) the author wants you to understand in the text?

After reading a paragraph or a particular section, you can ask them what the main idea was and what is the evidence (supporting details) that supports the main idea?

### If you are reading fictional texts:

You can tell the character\_\_\_\_\_feels\_\_\_\_\_because \_\_\_\_\_

What is the story/chapter MOSTLY about?

Also if they are reading a chapter book and the chapters are NOT titled, then you can have them name the chapter in 4 words or less 😊 They love doing this...it also reinforces main idea 😊 Just make sure the title they choose supports what happened in the chapter 😊

What message is the author trying to send to the reader in the story?

Does the setting play an important role in the story? Why or why not?

How do you think the character \_\_\_\_\_ felt after \_\_\_\_\_ ???

What was the main problem in the story? How was the problem solved?

### Additional Critical/Creative Thinking Stems:

Do you know another instance where....?

Could this have happened if....?

What questions would you ask if of.....?

In your life, how would you have reacted if....?

If \_\_\_\_\_ would have happened instead...do you think the ending would have been the same?

How was this text similar to....?

What was the underlying theme of....?

Can you distinguish between....?

What qualities/characteristics .....?

What are the advantages/disadvantages in/of.....?

How does/did.....effect .....?

What conclusions can you draw from...?

What would happen if.....?

If you could change ....what would you change?

What ideas might you add to...?

What more can you say about....?

How could you improve...?

Is there a better solution to....?

Do you think....is a good thing or a bad thing?

How would you have handled....?

How would you feel if....?

How could you explain....?

What are some different explanations for....?

What did you notice about...?

What is more important....or.....? Why?

How would you rank...?

What were you thinking when....?

Has your thinking changed on....?