

PREPARE FOR **COLLEGE**



PREPARE FOR **LIFE**

National Blue Ribbon School

2020

6th Grade Summer Packet

2026-2027

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Dear 6th Grade Parents,

We are praying that your summer vacation is restful, fun, and full of special memories. We have assigned summer reading and math work to reinforce the important skills your child has learned this year. Spending time reviewing these skills over the summer will help your child feel confident and prepared for a strong start to the new school year.

Reading

See attached for Summer Reading Requirements.

Math

Students will complete the attached Summer Math Challenge:

Each day, students will find two numbers and use them to complete the "Summer Math Challenge Guide."

Work should be completed in a notebook, spiral notebook, or composition book. Please label each day's work neatly. Start with a new page for each day- do not combine days on the same page

Students must carefully follow direction and show their work for a minimum of 30 days to receive credit. Students are not permitted to use a calculator.

Please have a grown up check your work.

All summer assignments are due on the first day of school, Tuesday, August 11th. A formative quiz grade will be recorded based on the completion of the work.

Thank you for your partnership and support. We hope your family enjoys a wonderful summer!

Your Sixth Grade Team

SUMMER READING- Entering Grade 6

Students entering sixth grade are required to read TWO books.

Please choose ONE book from the required reading list below:

Required Reading List: (Choose ONE)

The Penderwicks by Jeanne Birdsall (any in the series)
Anne of Green Gables by L.M. Montgomery (any in the series)
Hatchet by Gary Paulsen (or any Paulsen novel)
On the Edge of the Dark Sea of Darkness by Andrew Peterson (or any in the series)
A Long Way from Chicago by Richard Peck
The Lightning Thief by Rick Riordan (or any in the series)
Magnus Chase and the Gods of Asgard by Rick Riordan (or any in the series)
Harry Potter and the Sorcerer's Stone by JK Rowling (or any in the series)
The Diary of a Sixth Grade Ninja by Marcus Emerson
Iceberg by Jennifer A. Nielson (or any Jennifer A. Nielson you chose)
Restart by Gordon Korman (or any Korman novel)
Two Degrees by Alan Gratz (or any Gratz novel)
Hoot by Carl Hiaasen (or any Hiaasen student novel)
A Bad Beginning by Lemony Snicket (or any in the series)
East by Edith Pattou
Redwall by Brian Jacques (or any in the series)
Wonder by R.J. Palacio
Among the Hidden by Margaret P. Haddix (or any in the series)
Call of the Wild by Jack London (or any Jack London)
A Wrinkle in Time by Madeleine L'Engle (or any L'Engle novel)

YOUR SECOND NOVEL

Your second choice may come from the suggested reading list or any age-appropriate novel that is parentally approved.

SUMMER READING RESPONSE: You are reading 2 books but will only need to respond to **one** of them.

Create a book trailer movie OR a slide show

Identify a hook, focus on the main conflict of the novel
Organize a script: Introduction ...Conflict ... Cliffhanger
Set your tone: use music and images to match the genre
You may use your phone, tablet, Canva, or any creative path
Include 5 vocabulary words and definitions.
End screen with information about the novel.

Book Summary essay

Include: Title of Novel, Author, Lexile Level, Protagonist, Antagonist, Genre, Number of pages

Please respond to each question with thought and depth. Restate the question as an answer and write in complete sentences.

Level of entertainment:

What level of entertainment (in suspense, humor, interesting characters, plot etc.) did this novel provide you? Did anything make this novel easy or difficult to read?

Character Evolution:

Give **three personality traits** to the main character in this novel.
Do you see anything in this character that you see in yourself? What did this character do that you feel you would never do? Or what choice did the character make that you would probably not make?

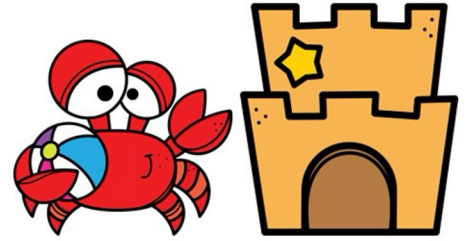
Thematic Resonance: Select a central theme (e.g., justice, friendship, or coming of age). How does the author use specific symbols or recurring events to reinforce this message throughout the book?

Conflict Resolution: Analyze the primary external or internal conflict. Was the resolution satisfying or realistic? Explain how the outcome reflects the novel.

Antagonist Motivation: Analyze the "villain" or opposing force. Rather than labeling them as "evil," explain their motivations.

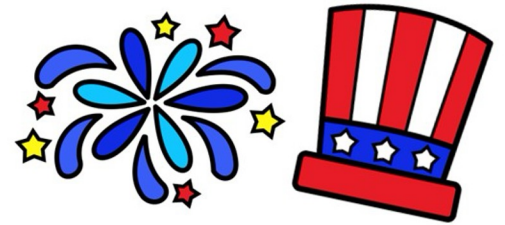
List 5 vocabulary words you have discovered in your novel and define them.

JUNE 2026



MON	TUE	WED	THU	FRI
1 392.4 and 55.9	2 1/4 and 1/9	3 3.985 and 1.045	4 970,000 and 395,629	5 126,982 and 504,999
8 79.107 and 53.245	9 4/9 and 1/3	10 3/5 and 1/2	11 4.783 and 2.287	12 98.50 and 12.167
15 689,306 and 751,578	16 2.63 and 0.19	17 882,095 and 295,873	18 119.1 and 93.545	19 61.983 and 9.973
22 5/9 and 3/4	23 2.900 and 12.83	24 792,250 and 989,785	25 3/9 and 3/2	26 56.890 and 14.99
29 3/8 and 1/4	30 4.519 and 2.39	RISING SIXTH GRADE Use these numbers to complete the Summer Math Challenge		

JULY 2026



MON	TUE	WED	THU	FRI
<p>RISING SIXTH GRADE</p> <p>Use these numbers to complete the Math Summer Challenge</p>		1	2	3
		3/10 and 1/5	750,060 and 109,873	115.5 and 35.082
6	7	8	9	10
5/8 and 1/4	57.124 and 189.58	3/9 and 2/3	68.945 and 59.876	289,845 and 198,057
13	14	15	16	17
4.000 and 2.984	3/5 and 2/7	8/2 and 5/4	104.389 and 61.745	989,062 and 634,295
20	21	22	23	24
850,000 and 46,834	34.6 and 68.1	687,126 and 534,573	34.7 and 19.845	28.013 and 388
27	28	29	30	31
500,456 and 384,209	192.045 and 82.297	45,903 and 19,891	6.001 and 38.92	56,893 and 24,945



Math Summer Challenge Guide

Today's Numbers are _____ and _____

1. Find the sum:

2. Find the difference:

3. Write both numbers in word form.

4. Compare using $<$, $>$, $=$:

5. Multiply the first number given by today's date

(If it is June 15th, multiply the first number by 15.)

6. Divide the second number given by today's date.

(If it is June 15th, multiply the first number by 15.)

7. Take the product from problem #5 and round it to the nearest whole number.

8. Take the quotient from problem #6 and round it to the nearest tenths place.

(If this is not possible, write "not possible".)

Challenge Problems- OPTIONAL

Complete the Challenge problems on the following page- be sure to show your work.

Challenge Problems

1. How many 2's must be multiplied together for the product to be a number between 100 and 200?
2. In the restaurant there are 12 square tables. Only one person can sit on each side. What is the greatest number of people that can be seated if the tables are pushed end to end into one large rectangle?
3. At 9:00 a.m., I went to the Ol' Fishin' Hole to fish. There is a three fish per hour limit. If I need 20 fish for a cook-out tomorrow, at what time will I probably have my 20 fish?
4. Mary has three skirts, two blouses, and either black or white shoes that she likes to wear to school. How many days can she go without repeating the same combination of skirt, blouse, and shoes?
5. Julia spent $\frac{1}{3}$ of her birthday money. Then she lost $\frac{1}{2}$ of the rest. She now has \$10 left. How much did she get for her birthday?
6. RIDDLE ME THIS: I'm thinking of a number. It is odd. It's between 1 and 100. It's higher than 20. It is smaller than the answer to 6×6 . It is a multiple of 5. The sum of its digits is 7.
7. Hank had an average of exactly 84% after taking two tests. On the third test, he scored 96%. Find his average for all three tests.
8. Complete the following number pattern: 14 28 18 36 26 52 42 84 ____ ____ ____
9. You know that the perimeter of a certain rectangle measures 22 in. If its length and width each measure a whole number of inches, how many different areas (in square inches) are possible for this rectangle?
10. The length of one side of a regular hexagon is 20 cm. What is the perimeter of the hexagon?
11. The fifth grade is going on a field trip to the zoo. The zoo requires that for every 15 students, there must be one chaperon. If there are 194 students going on the trip, how many chaperones will be needed?
12. What is the greatest six-digit number in which the thousands place is twice the digit in the tens place? What is the least number?
13. If there are two computers for every 40 students at Elm Elementary, how many computers do they have for the 440 students attending school?
14. On one night, 30 fifth graders gathered to study mathematics and science. Of these students, 11 studied math, 15 studied science, and 3 studied math and science. How many students of the group studied neither math nor science?
15. George, Susan, Henry, and Sarah are 7, 8, 9, and 10 years old. Henry is older than Sarah and younger than George. Susan is younger than Henry and older than Sarah. What is each person's age?
16. Farmer Brown had a garden plot that was two yards by three yards. He tripled its length and width the next year. What was the area of the new garden? Did the area triple?
17. If you could fold a paper in half six times, how many sections would there be? How about 8 times?

18. All the fifth-grade classes are going on a field trip. They will take three buses that hold 54 passengers each. If the buses are full and there are seven chaperones going, how many students are going?
19. What are the next two numbers in this pattern? 0, 1, 1, 2, 3, 5, 8, _____, _____
20. Add, subtract, multiply, and/or divide the numbers shown to get an answer of two. You may change the order, but you must use every number once and only once. Write an equation (number sentence) to show how you got your answer.
10 8 7 6 4
21. Hannah sold \$65 worth of barbecue tickets. Adult tickets cost \$4 each and children's tickets cost \$3 each. How many adult tickets could Hannah have sold? Is there more than one possible solution to this problem?
22. In five days, how many times would a clock show 11:30?
23. Marcus got 37 hits in 46 times at bat during one Little League season. Laverne got 23 hits in 31 times at bat. Who was the better hitter?
24. A train leaves Miami for Atlanta, 600 miles away, traveling at a rate of 125 miles per hour. At the same time another train leaves Atlanta for Miami, traveling at a rate of 75 miles per hour. When the two trains meet, which train is nearer to Miami?
25. From the bottom of a thirty-foot hole, a frog can climb up four feet each day, but slips back two feet each night. In how many days does the frog escape from the hole?
26. On June 1, the temperature in Charlotte, North Carolina, was 83 degrees Fahrenheit. In Oslo, Norway, the temperature was -27 degrees Fahrenheit. What was the temperature difference?
27. John can cut a log into three pieces in 24 minutes. At this rate, how long will it take him to cut another similar log into eight pieces?
28. A recipe for three quarts of punch calls for $\frac{1}{2}$ cup of lemon juice. Your mom has only $\frac{1}{3}$ cup of lemon juice. Does she have enough for two quarts of punch, one quart of punch, or would you have to give up the idea of making punch until she gets more lemon juice? Explain.
29. A zookeeper is ordering food for the zebras. She knows that three zebras eat 25 pounds of hay every three days. How much hay should she order for 12 zebras to have enough hay for 30 days?
30. Without using pennies, how many ways can you make change for a half dollar? Explain.