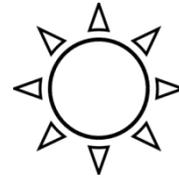


EVCS Summer Work Packet
Students Entering 5th Grade



This packet includes:

- Summer Math Info Sheet – Use these websites and math expectations to practice over the summer.
- Grade 5 Summer Reading List – Use this to choose a book for your response choice, or pick your own!
- Summer Reading Response Choices – Use this to complete your reading response.

When you enter 5th grade in the fall, bring your reading response choice.

Have a great summer!

Miss Shields and Miss Schneekloth

Summer Math Practice Students Entering 5th Grade

Our fourth graders had a busy year learning new math skills. **Mastery of all these skills is extremely important in order to develop a solid math foundation.** The fifth grade math program will **add onto these fourth grade skills**, so any time spent learning or reinforcing these concepts will be very beneficial for your child. Each year builds upon the previous year's skills in math. Any areas your child has difficulty, you may want to give them additional practice. **Student mastery of the basic math skills is as important to success in future mathematical procedures and reasoning as learning the alphabet is to reading and writing.**

Knowing math facts **FLUENTLY** is essential for fifth grade success. Use the multiplication table on the next page to practice. Practice daily in order to increase fluency with these.

Excellent websites for fun learning and reinforcement of math skills:

www.wildmath.com Select "Play the game". Select addition, subtraction or multiplication and grade.

You can race to beat your time.

www.aplusmath.com Go under "Flashcards" or "Game Room" on the left side of the screen. They can practice adding, subtracting and multiplying. Very important to know the addition, subtraction and multiplication facts from memorization or within a couple seconds.

www.mathisfun.com Select numbers then Math Trainer for adding, subtracting and multiplication.

Or at the home screen select games and pick a game to play.

www.aaamath.com At the top pick "Fourth" or "Fifth" for a challenge. Choose any of the activities like multiplication then select "play" option toward the top of the screen. 20 Questions and Countdown games are good ones.

www.funbrain.com Lots of fun games to choose from.

<https://www.khanacademy.org> provides guided instruction on all math concepts.

Have a great Summer! We look forward to seeing you in September! ☺

Multiplication

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

GRADE LEVEL EXPECTATIONS IN MATHEMATICS

When **entering** fifth grade this is what is expected that your child should already know.

1. Read and write numbers to 1,000,000.
2. Know place value to 1,000,000. Example: 25,068 is 2 ten thousand, 5 thousand, 0 hundreds, 6 tens & 8 ones. Use place value understanding to round to any place.
3. List the first twelve multiples of a given one-digit whole number.
4. Know some numbers are called prime numbers. Some prime numbers are 2, 3, 5, 7 and 11; have exactly two factors: one and itself.
5. Add, subtract and multiply whole numbers **fluently**. Solve multistep word problems.
6. Divide numbers up to four-digits by one-digit numbers and by 10.
7. Use the relationship between multiplication and division to check results.
8. Read, write, interpret, and compare decimals up to two decimal places (hundredths).
9. Convert decimals in tenths and hundredths to fraction and decimal forms.
10. Write improper fractions as mixed numbers and mixed numbers as improper fractions.
11. Compare and order fractions.
12. Add and subtract fractions.
13. Find the value of an unknown in equations such as $\frac{1}{8} + x = \frac{5}{8}$.
14. Measure area and perimeter.
15. Identify and draw perpendicular, parallel, and intersecting lines.
16. Find the side of a square or rectangle given its perimeter or area and possibly one side.
17. Identify and classify basic geometric shapes, including isosceles, equilateral and right triangles.
18. Identify and count faces, edges, and vertices of basic three-dimensional solids including cubes, rectangular prisms and pyramids.
19. Recognize plane figures that have line symmetry.
20. Construct tables and bar graphs from given data.

Grade 5 Summer Reading List

Here are some suggestions to read, or find a book that challenges/interests you.

Adventures with Waffles – Maria Parr
Echo – Pam Munoz Ryan
Fish in a Tree – Lynda Mullaly Hunt
Full Cicada Moon – Marilyn Hilton
Fuzzy Mud – Louis Sachar
Gone Crazy in Alabama – Rita Williams-Garcia
Unusual Chickens for the Exceptional Poultry Farmer – Kelly Jones
The War that Saved My Life – Kimberly Brubaker Bradley
The Nest – Kenneth Oppel
Dear Mr. Henshaw, or any in the series – Beverly Cleary
Charlie and the Chocolate Factory – Roald Dahl
James and the Giant Peach – Roald Dahl
The Lion, the Witch and the Wardrobe, or any in the series – C.S. Lewis
Call of the Wild – Jack London
Bridge to Terabithia – Katherine Paterson
Holes – Louis Sachar
Series of Unfortunate Events – Lemony Snicket
Black Lagoon Series – Mike Thaler
American Girl Series – Various Authors
Stuart Little – E.B. White
Charlotte’s Web – E.B. White
The Phantom Tollbooth – Norton Juster
From the Mixed Up Files of Mrs. Basil E. Frankweiler – E.L. Konigsburg
The Bad Beginning – Maya Snow
Redwall – Brian Jacques
Boy: Tales of Childhood – Roald Dahl (memoir)
Artemis Fowl – Eoin Colfer
The Lightning Thief – Rick Riordan
Coraline – K.L. Going
The Witches – Roald Dahl

Diary of a Wimpy Kid Series – Jeff Kinney
Blubber – Judy Blume
How to Disappear Completely and Never be Found – Sara Nickerson
The Westing Game – Ellen Raskin
Joey Pigza Swallowed the Key – Jack Gantos
Eggs – Jerry Spinelli
The View from Saturday – E.L. Konigsburg
A Wrinkle in Time – Madeleine L'Engle
The Girl Who Threw Butterflies – Mick Cochrane
Feathers – Jacqueline Woodson
One Crazy Summer – Rita Williams-Garcia
Helen Keller: Rebellious Spirit – Laurie Lawlor (nonfiction)
Owls in the Family – Farley Mowat (nonfiction)
Claudette Colvin: Twice Toward Justice – Philip Hoose (nonfiction)
The Circuit: Stories from the Life of a Migrant Child – Francisco Jimenez (memoir)
Three Cups of Tea – Greg Mortenson (nonfiction)
Heart and Soul: The Story of America and African Americans – Kadir Nelson (nonfiction)
We Are the Ship: The Story of Negro League Baseball – Kadir Nelson (nonfiction)
Knucklehead: Tall Tales and Mostly True Stories about Growing Up Scieszka – Jon Scieszka (memoir)
Witches: The Absolutely True Tale of Disaster in Salem – Rosalyn Schanzer (nonfiction)
Bomb: The Race to Build and Steal the World's Most Dangerous Weapon – Steve Sheinkin (nonfiction)
Mesmerized: How Ben Franklin Solved a Mystery that Baffled All of France – Mara Rockcliff (nonfiction)

Summer Reading Response Choices

Students are to select one book from the Summer Reading List. After reading the book, select one of the following reading response choices to complete based on their book.

1. Word collage. Write the title of the book in the center of a sheet of paper. Then look through magazines for words, phrases, and sentences that illustrate or tell something about your book. Think in terms of the theme, setting, plot line, as well as characters. Work to get fifty such words, phrases, or sentences so the whole sheet of paper will be covered. The visual impact of the collage should tell a potential reader a lot about the book.

2. Create an imaginary "home page". Select several characters and design a home page for each of them, (on paper) picking out pictures and then creating a "bio" that would tell a viewer about your character. Also, create links to at least five different sites that you think your character would be interested in. Write an explanation of how you made the decisions you did and what you believe this tells us about the character.

3. Awards. Create an award for each of the main characters based on their actions in the novel. One might be awarded "most courageous" for fighting peer pressure, another might be awarded "wisest" for the guidance he or she gave other characters. For each award, write a paragraph that explains why this character deserves this award.

4. Poetry. Write three poems in response to the novel. The poems can be about the characters, where the book took place, or the themes in the book.

5. Talk to the author. Write a letter to the author of the book explaining to him or her why you think he or she wrote the book and what he or she was trying to show through

the book. Be sure to explain what you got out of the book. If the author is still alive, send the letter to the author via the publisher of the book.

6. Keep a reading journal and record your thoughts at the end of each chapter. Include a summary and your feelings about an event or character-2 paragraphs per chapter.

7. A character alphabet.
Choose a character you liked and then create full **sentences** based on the alphabet that demonstrate your knowledge of the character. Make a book that has one letter of the alphabet on each page, with the sentence that you created, along with an illustration.

8. Create a board game based on events and characters in the book you read. Your game should include the following: a game board, a rule sheet and clear directions, events, and characters from the story.

9. Make a "wanted" poster for one of the characters or objects in your book. Include the following: (a) a drawing or cut out picture of the character or object, (b) a physical description of the character or object, (c) the character's or object's deeds or misdeeds, (d) other information about the character or object which is important, (e) the reward offered for the capture of the character or object.

10. Rewrite the story as a picture book.
Use simple vocabulary so that it may be enjoyed by younger students. Make sure to use color and detail!