

Summer Math Assignment for 2nd Graders

Math Journal:

Create a Math **Journal** where you will explore different math activities throughout the summer.

* * Please choose 8 from the list of 18 to share in your journal. Be sure to choose at least one from each topic and the remaining 4 can be of your choice.* *

Topic 1: Addition and Subtraction Fun

- Draw a picture of 10 objects (like 10 flowers or 10 cars). Then write 3 addition sentences using those 10 objects. Example: $3 + 7 = 10$, $5 + 5 = 10$, $8 + 2 = 10$)
- Use your toys or other objects to make a subtraction problem. For example, "If I start with 12 marbles and give 4 away, how many do I have left?" (Write the subtraction sentence $12 - 4 = 8$)
- Practice addition and subtraction facts with flashcards or play an online math game of your choice for 10 minutes.
- Create a number sentence (like $5 + 3 = 8$) and draw a picture (draw 5 green apples and 3 red apples)
- Go outside and collect 15 leaves, rocks, shells or any other items you can find. Count them, and then make 3 different addition or subtraction sentences using what you collected. (Example: $12 + 3 = 15$, $8 + 7 = 15$, $15 - 5 = 10$)

Topic 2: Patterns and Shapes

- Look around your house or outside and find at least 3 examples of patterns. Draw the patterns in your journal (could be stripes, circles, or any repeating shape).
- Learn about shapes! Find and draw 5 different shapes around your house or outside (like circles, squares, triangles, etc.).
- Practice measuring objects. Use a ruler to measure the length of 5 items and write down the measurements in inches. (My pencil is 5 inches long).
- Draw a picture of a house using at least 3 shapes. Then, write a story about your picture and include a math problem in the story. (My house is shaped like a square, the door is a rectangle and the window is a circle.)
- Create a shape scavenger hunt! Ask a grown-up to help you look for shapes (circle, triangle, square) in your home or neighborhood. Write down where you found each shape. (I see a circle in my pool. I found a rectangle on my flagpole.)

Topic 3: Time and Money

- Practice counting coins. Draw a few coins (pennies, nickels, dimes) and practice adding their values.
- Make a pretend store with toys or items around the house. Give each item a price in dollars (like \$1, \$2, etc.). Then, practice adding up how much money you would need to buy 2 items. (The book is \$1 and the pencil is \$3. If you bought both items, you would need \$4. $1 + 3 = 4$)
- Write down the time you do 5 different activities during the day (I wake up at 7:00 am. I go to the beach at 12pm. I eat dinner at 6:30pm.)
- Pretend you are going shopping with \$5. What can you buy with that money? Draw a picture of what you would get! (I can get a book for \$2, an eraser for \$1, a sticker for \$2)

Topic 4: Measurement and Word Problems

- Measure the height of 5 different objects in your house (like a door, a chair, or a toy) and write down how tall they are to the nearest inch or foot.
- Practice measuring things with a ruler. Draw a few objects (like a pencil, book, and toy) and measure their lengths in inches or centimeters.
- Solve this word problem: "Sally has 5 apples. She picks 3 more from the tree. How many apples does she have now?" ($5+3=8$)
- Create a word problem for someone in your family to solve. Make it about something fun like shopping, animals, or the park! (The Jones Family went to the park. They see 3 bunnies and 2 birds. How many animals do they see altogether.)

Summer Reading and Writing Assignment for 2nd Graders

Reading Journal: My Summer Adventure

Create a **Reading Journal** where you will read books and write about them throughout the summer!

* * Please choose 8 activities from the list of 15 to share in your journal. Be sure to choose at least one from each topic and the remaining 4 can be of your choice.* *

Topic 1: "All About Me"

- Choose a book that you've read before or a new one you like. Write the title and the author's name. Then, draw a picture of the main character.
- Write a letter to your book's main character. What would you want to say to them? Would you want to be friends? What advice would you give them? (3 sentences)

- Pick one of your favorite parts of the book you read and rewrite/retell that part in your own words (1-2 sentences)
- Create a new ending to the story you read. How would you change it? Would the characters do something different? (1-2 sentences)
- Draw a picture of the story's setting (where does the story take place?)

Topic 2: Favorite Characters and Stories

- Write about your favorite character from the book you just read. What do they look like? What do they like to do? What makes them special? (3 sentences)
- Draw a picture of your favorite part of the story. Write 1 sentence about why it is your favorite part. (My favorite part of the story is when _____.)
- If your book had a sequel (a second book), what would happen in it? Write a short story about the next adventure of your main character. (If this book had a sequel, the main character would _____.)
- Pretend the main character of your book invited you to their house or favorite place. Write a story about what you would do together. (3 sentences)
- Read another book. Write 3 sentences about the book and draw a picture of a scene from the book. (What was the book about? What did you like the most?)

Topic 3: Imagination

- Create a new character for a story. Draw a picture of them, and then write 2 sentences about what they do in the story.
- Write a letter to your book's author. Tell them what you liked about the book and ask any questions you have about the story. (2-3 sentences)
- Read a new book and write a book review. (2-3 sentences) What did you like about it? Would you recommend it to your friends? (I liked this book because _____ . I would/would not recommend this book because _____.)

Topic 4: Reading and Sharing

- Read a book with a family member and write a story about your favorite part of the book. Share it with your family!
- Look through your Reading Journal. Write about your favorite book that you read this summer. What did you learn from it? What made it so special?

Bonus Challenge (Optional)

Make a "Summer Book Club!"

- Choose a friend or family member to read a book together this summer. After reading, you both write or talk about the story. What did you both like? Did you agree on the best part of the book? Share your ideas!