2nd Grade Math
2026
Summer Learning

Shuffle a deck of cards and place them face down. To start, flip 2 cards and add them. Then flip another card and add it to the previous sum. If you turn over a red face card, add 100 to the sum. If you turn over a black face card subtract 100 from the sum. If you do not have enough to subtract 100, you must set your cards aside and start over with the next two cards in the pile. Challenge: play with a partner and race to 500	Pull 3 number cards from a deck of cards. Make a 3-digit number with the largest value possible. Write the number in standard form (432), expanded form (400+30+2), word form (four hundred thirty-two), and draw base ten blocks to represent. (□□□□ III **) Repeat, making the number with the *least* value. Challenge: use 4 or more cards	Get paper and something to draw with. Make an analog clock face. Start by writing the 12, 3, 6, and 9 in the correct place. Then, fill in the remaining numbers. Cut a straw into one short and one long piece or find two sticks from outside to represent the hour and minute hand. Place them on the clock to show the current time. What time will it be in an hour? 5 hours? 30 minutes?	Make a schedule for how you want to spend your day tomorrow. (example: wake up, breakfast, games, lunch, swim, tv time, read, bedtime) Next to each activity, draw a clock face to show what time each activity will occur. The last part of your schedule should be what time you go to bed. Challenge: Look at a clock at the beginning of each activity and see if the time on the clock matches your schedule. Write the real time.	Find 6 of your favorite toys. Lay them out in order from shortest to tallest. Then measure each using a centimeter ruler. Compare the toys. How much taller in cm is the tallest toy from the shortest toy? Choose two other toys to compare. How much shorter is one toy from the other? Challenge: How tall would all of the objects be if you lined them all up together?
Design a small poster teaching an addition or subtraction strategy such as: • Doubles facts • Near doubles facts • Part, part, whole • Counting back • Skip counting	Write down the birth years of the people who live with you. Put them in order from least to greatest. What is the greatest difference?	Write as many coin combinations as you can that equal $1.00 using nickels, dimes, quarters, and pennies.	Your new classmate is a robot who only understands written commands. Write down step-by-step directions for your new robot friend showing how to regroup while adding two-digit numbers AND/OR how to borrow using two-digit numbers.	Look at the calendar. How many weeks are left until school? How many days? How many hours? You may use a calculator to solve.
Fact Fluency: https://www.multiplication.com/quiz/addition-self-correcting-quizzes Take "pre-test" or "post-test". Record your score and time. Repeat at least once a week.	Grab a deck of cards. Take two cards from the deck to make a two-digit number. (Your face cards can count as "0s.") Determine if that number is even or odd. (Hint: Even numbers end in 0, 2, 4, 6, or 8, and odd numbers end in 1,3, 5, 7, or 9.) Then, switch the	Shape scavenger hunt: Find 10 3D items around your house. Sort them into categories (cubes, cones, rectangular prisms, spheres…) Then, count the edges, faces and vertices on each shape. Repeat this process with flat shapes. Find squares, cubes,	With an adult, go on a nature walk. Before you leave, pick 4 items you will search for and keep track of how many you see on a tally chart. For example, you might count rocks, bugs, leaves on the ground, sticks, bushes… Then, create a **bar** graph to show how	Grab a snack such as pretzels, grapes, Cheetos, or carrots. Make an array with those snacks. Remember: arrays have neatly arranged rows and columns. Make an array with 2 rows and 3 columns. How many total items did you use?

Try to beat your time and score each attempt. Summer Goal: 100% in less than 3 minutes Challenge: after you meet the addition goal, try subtraction, multiplication, or division.	cards. Is the number still even or odd? Challenge 1: Play this game with a sibling or friend. Whoever determines if it is even or odd first wins a point! Challenge 2: Add the two numbers you made. Is the sum even or odd? Do you notice any patterns?	and circles. How many sides and angles do they have? Can you find any other shapes like pentagons, hexagons, and trapezoids? Challenge: How many different ways can you sort the shapes using their different attributes?	many of each item you saw. Remember, FOUR parts to a graph: title, scale or key, labels, data! Challenge: Can you make a **picture** graph using the same data?	Using 8 items, how many ways can you set up your array? Challenge: How about with 12 items? 15 items?
Write a paragraph explaining how to tell time on an analog clock.	Put a handful of coins in a bag. Without looking, take out 3 coins. What is the combined value of the 3 coins? Return the coins to the bag. Now repeat the activity pulling out 4 coins, then 5, then 6. Challenge: Can you find the value of ALL of the coins? Challenge: Play with a partner and race to 500.	Add the ages of each of your family members together. What is the sum? Subtract the youngest age from the oldest age. What is the difference?	What number(s) could I be? Clue #1: I am > 10 + 19 Clue #2: I am < 69-18 Clue #3: The ones digit is double my tens digit. Challenge: Write your own clues for a number and have someone in your family solve it.	Create a book or poster explaining the Properties of Addition, Zero, Commutative, & Associative. Include: 1) title 2) definition 3) example 4) picture to illustrate Here is a video to help you review: https://youtu.be/njfx1sDb45Y

2nd Grade Reading & Writing 2026

Year – In – Review

Retell a story by sequencing the main events in the story	While reading a book with dialogue, read it aloud in different voices as if YOU are the characters.	Read a story out loud to a parent, older sibling or friend. Did you make any mistakes while reading? Was there anything that was difficult for you while reading?	Read a fiction story. Determine the central message or lesson of the story.	Retell a story by describing the narrative elements (characters, setting, problem, events, solution)
Write a small story about something you did this summer. Make sure to include lots of details.	Write about a favorite thing you did on vacation this summer. Include pictures or photos	Write your opinion about your favorite video game or book. Give reasons and details why you think it is great.	Write an information essay about your favorite place to visit. Include pictures and photos and details about what makes it so special.	Write a friendly letter to a family member or friend and mail it. Don't forget to include all 5 parts of the friendly letter.
Read a fiction book and focus on the character. Pay attention to: How is the character responding to the events in the story? How does the character change?	Read a nonfiction book. Write the main idea of the book and 3 details you learned.	Read a fable and talk about the central message or moral of the story. Try to retell the story including the beginning, middle and end.	Read a nonfiction book. What text features did you use while reading? How did that text feature help you to better understand the text?	Read a fiction book. Draw and write about your favorite part of the story.
Think about your favorite food. Write the name of the food on paper. Then use your 5 senses to describe that food (how does it look, smell, taste, feel and sound)?	Write about your favorite outside activity. Circle all the verbs.	Write a menu for a pretend restaurant. Circle all the nouns.	Make up an outdoor game to play this summer. Write down all the directions.	Describe your perfect summer day. Use and circle all the adjectives.