JULY 2026 ENTERING GRADE 2

MON	TUES	WEDS	THURS	FRI
Outdoor Activity	**Outdoor Activity**	**1** Get a pile of coins. How many ways can you make 25 cents? Record all of the ways.	**2** Go for a walk in your neighborhood. What numbers do you see? Look for even and odd numbers. Record the numbers and where they were found.	**3** Estimate how many books are in a bookcase. Write down your estimate. Then, count the books by 2 to find the actual number. Record the number. Write down how close you were to your estimate.
6 Sort the laundry into categories (by owner, size, color, or item type). Make a bar graph to show the number of items in each category.	**7** Roll two dice or turn over two cards, and practice addition and subtraction by adding or subtracting the two numbers. Write down the equations with your answers.	**8** Today's number is 16 Make 16 by: -Adding two numbers -Subtracting two numbers -Adding three numbers Record your equations.	**9** Write when you go to bed for the closest hour or half an hour. Write what time you get up in the morning. How many hours did you sleep? Record your answer and explain how you figured it out.	**10** How many seconds does a traffic light stay green? How about a red light? How much longer is one light than the other? Record what you found out.
13 Count by 2's to 50 starting at 12. Count by 10's to 64 starting at 4. What did you notice about the numbers you counted? Record the numbers you counted. Explain what you noticed about the numbers.	**14** Write down the ages of everyone in your family. How much younger are you than your parent(s) or grandparent(s)? An older sibling? How much older are you than a younger sibling? Record your comparisons.	**15** Go outside to do this activity. Count how many times you can hop on your right foot and then your left. Which foot could you hop on longer? Record how long it took for each foot and the difference.	**16** Record how many ways you can make $2.50 with drawings and equations. If you only use quarters, how many would you use to make $2.50? Draw the quarters and write an equation.	**17** Jump rope or hop on one foot and count by tens to 100. Record the numbers you counted. Try counting backwards from 100 by 10. Record those numbers.
20 I have 10 apples and oranges. How many combinations of each could I have? How do you know you have all the possibilities? Draw the combinations on paper.	**21** Hold an ice cube in your hand. Count by 2's until it melts. Did you count to more or less than 100? Try this outside, did it melt faster? Explain what you found out.	**22** Tell an additional problem story to an adult using an addend of 6 and a sum of 23. Now tell a subtraction story with the same numbers. Write your stories and the equations to solve them.	**23** A small pack of gum has 6 pieces. How many pieces of gum would be in 3 small packs? What about in 5 small packs? What if a larger pack has 8 pieces instead of 6? Draw the packs of gum and equations to show the total pieces of gum for each number of packs.	**24** Blow a marble, bottle cap, and a pencil (or any three objects you have in your home) across a table or the floor. Measure and record how far they go. Which goes the farthest? By how much?
27 Go on a Shape Hunt around your home or neighborhood. Look for items shaped like squares, rectangles, and triangles. Draw and label the items.	**28** What is the weather today? Yesterday? Predict what the weather will be for the next few days. Keep a record of the weather. Were you correct in your predictions?	**29** 50 is the answer. What could the question possibly be? Challenge yourself to think of more questions. Record your questions and the possible answers.	**30** If you save two cents every day in July, how much money will you have saved at the end of the month? Record your answer. List some things you could buy with that amount of money.	**31** Go outside to do this activity. Balance on one foot. Time yourself. Now have the rest of your family try it. Record everyone's times. Who can stand on one foot the longest? Record your findings.

AUGUST 2026 ENTERING GRADE 2

MON	TUES	WEDS	THURS	FRI
3 Go for a walk. How long did it take you? Record the time in minutes and seconds.	**4** How much do I have if I have 1 quarter, 2 dimes, and 1 nickel? Can you show that same value using other coins? Draw or write the combinations.	**5** Record an estimate for the number of cups it will take to fill a pitcher or a large container. Now try it! Record the actual number of cups it took to fill. Write how close your estimate was to the real number of cups	**6** Ask as many people as possible what their favorite pizza is. Record your data in a chart or graph. Write at least 2 statements that compare the data (Example: The kind of pizza that most people chose as their favorite was _____).	**7** Create a one-week tally chart showing the number of fruits and vegetables you eat daily at your meals and snacks. Then, write three statements about your data.
10 Get 7 pennies. Put some in one hand and some in the other hand. Show one hand's pennies to an adult and have them guess how many hidden pennies are in your other hand. Switch roles. Play at least 10 times. Try it with different numbers of pennies! Draw the hands with the pennies for at least five of the turns.	**11** Look around your kitchen and write down 10 products with a number on the label (E.g., Milk 1%, Heinz 5%). Draw the products. Explain what the numbers mean.	**12** Gather a handful of coins worth less than $2.00. Calculate how much you have. Draw the coins and the equation to show the total.	**13** Read the whole story before answering. I had 5 shells. I found 2 more. Then I found 3 more. I gave 2 to my sister. How many do I have? Write an equation that matches the story with your solution. Make and solve other story problems.	**14** Write separate story problems to go with the equations below: 6 + 8 14 –6
17 Create and record a repeating pattern with shapes. Ask a friend or a parent to predict what the 9th shape would be. The 10th? The 20th?	**18** Line up 4 different figures, stuffed animals, or other objects. Record the order of your line. How many ways can you arrange the animals? Record your combinations.	**19** Notice when you get up in the morning and go to bed at night. How long are you awake during the day? Record your answer.	**20** Go to a park and draw the shapes you see. Write which shape you saw the most.	**21** How many steps does it take to go from your bedroom to the kitchen? Your bedroom to the bathroom? Your bedroom to the front door? Which is the longest distance? Which is the shortest? Record your answers.
24 Are the two equations below "true" or "false"? Record your answers and explain why. 3 + 4 + 2 = 4 + 5 5 + 3 = 8 + 1	**25** Create a picture using as many of each shape as you would like. Use a square, circle, triangle, rectangle, and diamond. Label the shapes or make a key to tell what each shape is.	**26** Count back by 1 from 30 to 0 and 83 to 40. Count backwards by 10 from 100 to 0. Count backwards by 5 from 40 to 0. Repeat using different numbers. Record what you counted.	**27** How many ways can you cut a sandwich into fourths with equal-sized pieces? Draw the different sandwiches.	**28** Get your math summer packet ready to go back to school…
31 Get your work organized! Bring it to school on the first day you return and hand it to your teacher. **Do not send completed work to the Director of Mathematics.**	**Outdoor Activity**	**Outdoor Activity**	**Outdoor Activity**	**Outdoor Activity**