JULY 2026 ENTERING GRADE 4

MON	TUES	WEDS	THURS	FRI
Outdoor Activity	**Outdoor Activity**	**1** Look at how the houses or buildings are numbered on your street. Record your findings in a table or a sketch. Write at least three things you notice.	2 Look for a recipe with ingredients that include fractions. Record your findings. Which fraction in the recipe is the greatest? Which fraction is the least?	3 Play any Game at https://prodigygame.com Record a strategy that you used.
6 Make a pictograph to illustrate the categories (fiction, nonfiction, fantasy, etc.) of books on a bookshelf in your house. Include a key.	**7** Find shapes outside of your house that have right angles. Draw pictures of the shapes and label the right angles.	**8** Write a story problem that can be solved using the number sentence 6 x 4 = ____ .	**9** What cars are parked on your street? Create a bar graph of the make of cars (e.g., Honda, Ford). Record three statements about the data you collected.	**10** Make a set of flashcards and practice the multiplication of facts for all facts with products less than 100. List the ones you know automatically and still need to work on.
13 Record how many people are in your extended family (aunts, cousins, siblings, parents, etc.) Write the fraction (ratio) of adults to children.	**14** Cut two sandwiches, one into 3rds and one into 4ths. Record which pieces are bigger. Explain why.	**15** Watch this video for ideas on creating a sidewalk design; https://www.youcubed.org/resources/sidewalk-chalk-designs-k-12-video/ Record your work in a picture or photograph.	**16** How much time has elapsed if a movie begins at 7:05 and finishes at 8:45? Record your answer and show your work.	**17** Write and solve: 270 + ____ = 375 500 = 460 + ____ ____+ 200 = 625 475 + 570 = ____ 275 + ___ = 650
20 Roll dice or turn over 2 playing cards (numbered cards only) to get two numbers to multiply. Record the equations and the products. Repeat 10 times. Then write a turn-around division equation for each multiplication equation.	**21** Estimate of the time it would take for a walk. Then time yourself. How long did it take you? Write the duration in digital time. (Example: 1:30 is one hour and thirty minutes.)	**22** Use mental math to record how many nickels you have if you have $5.15. Then, record the math to check the total number of nickels.	**23** Find 10 numbers larger than 1,000 in a newspaper or book. Write them in order from least to greatest. Calculate and record the difference between the least and greatest numbers.	**24** What number am I? I am less than 25 x 10 and greater than 22 x 10. I am a multiple of 5. I am odd. The sum of my digits is 10. Write your answer and explain how you solved it.
27 If Mia painted 400 fingernails, how many people did she see? Write an equation with your answer. Show your work or explain how you got your answer.	**28** Play Deep Sea Duel: https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Deep-Sea-Duel/ Read the directions carefully. Record the 3 addend equations for the rounds you win	**29** When you leave the house for a short trip, record when you leave and return. Calculate and record the total time it took for your trip. Show or explain how you know	**30** Show as many ways as you can to make $10.35.	**31** Practice math facts! https://www.multiplication.com Play two games and explain the math you practiced.

AUGUST 2026 ENTERING GRADE 4

MON	TUES	WEDS	THURS	FRI
3 Record ten items from a grocery flier or the grocery store and find the total cost. Calculate how much change you would receive from a one-hundred-dollar bill. Show your work.	**4** Draw seven different arrays for 36. Include the dimensions. Hint: (Two arrays for 18 could be 2x9 and 9x2.)	**5** Write four multiplication and division equations for 6, 7, and 42. Write one multiplication and one division word problem to accompany two of these equations.	**6** Find fractions outdoors. For example, 2/12 of the houses or buildings on your street are brick. In a garden, 2/8 of the plants have flowers. Record your findings	**7** Write a two-step story problem whose answer is 12. Solve the problem and show or explain how you got your answer
10 Write a schedule for tomorrow. Include the time you wake up until you go to bed. Your schedule should be showing digital time (Example: 1:30 Go Shopping, 3:00 Rest time, 5:00 dinner)	**11** A farmer has chickens and cows. Record as many combinations of animals that would total 24 legs. (Example: 2 cows and 8 chickens.) Is there more than one combination?	**12** Look outside for things that come in arrays, such as the grate covering a sewer or a checkerboard on a playground table. Draw what you found. Include the dimensions and the total area..	**13** Use the set of flashcards you made on July 16th to practice the multiplication facts. List the combinations you know automatically and the ones you do not know. Is the list the same or different from the one in July?	**14** On a car trip, record the miles on the odometer (ask your parents for help) for when you leave and then when you get home. How many miles did you travel? (Long trips are the most fun to figure out!) Explain your trip and math!
17 Gather 3 store receipts and record the totals. Record how much money was spent at all three stores. Is the amount more or less than $100.00? Record the difference.	**18** Find ten quadrilaterals outside. Draw them and name the shapes.	**19** You went shopping with a $5 bill and spent $2.40. Is your change more or less than 40 dimes? Explain or show the work to prove your answer.	**20** Plan a meal for your family. With an adult, list ingredients, go shopping, and then follow the recipes. Record the recipe and tell us any math you used to make it.	**21** Find things in your house, at the store, or anywhere else that are measured in liters, grams, or kilograms. Make a list of what you find and their measurements.
24 When you leave the house for a short trip, record the time you leave and the time you return. Calculate and record the total time it took for your trip. Show or explain how you know.	**25** Make a multiplication table. Write at least 4 patterns that you see	**26** Use a ruler or tape measure to measure the length of five things somewhere outdoors. Record what you measure in inches from the shortest to the longest. Use 1/2s and 1/4ths when needed.	**27** Write your age in months. Write your age in days. Show your work.	**28** Pick a spot in any outdoor space. Measure and record the perimeter and the area. Draw a diagram with dimensions.
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**