These daily activity suggestions focus on math concepts and skills that are central for a strong transition from first grade to second grade.

Each box has a suggestion for a math conversation with your rising second grader. Additionally, we encourage students to practice independently on IXL for a few minutes each day. We suggest that 10-15 minutes per day, several days each week, will help your child keep their math learning fresh. You can complete the prompts in any order. If you like, ask your child to record their thinking on paper, a journal, or a dry erase board.
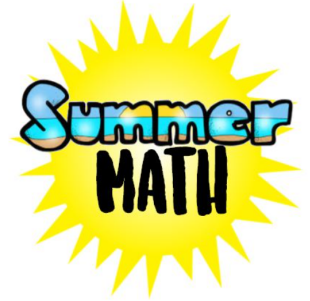
Family Partner Prompts:
- How did you figure that out?
- Tell me about your thinking.
- Can you think of another way?
- How could you show your thinking? (Optional on paper or dry erase board)

Materials needed:
- ❏ Coins
- ❏ Pencil and paper OR dry erase marker and board
- ❏ Dice

Return the completed calendars to your teacher in September for a chance to win a prize.

Student Name _____   Adult Signature _____

Adapted from Cambridge Public Schools

Kenmore-Tonawanda UFSD
Keep Your Math Learning Fresh Ideas for
Rising Second Graders

Take up to 10 pennies. Put some in each hand. Show 1 hand and have an adult figure out how many are hidden. Take turns figuring out the missing part.	Use quick tens and ones to draw 76. What is ten more than 76?	Go on a shape hunt in your house. Look for items shaped like a square, rectangle, and a triangle. Draw and label the items.	Sort the laundry into categories (owner, color or item type). Make a bar graph and compare the categories. How many more? How many less?	IXL Recommendations in Grade 1 Tab: * K.5 Addition facts - sums up to 20 (6TM) * A Sequences - count up and down by 1 (ZBW)
Set a timer for one minute. Count up from 37 as far as you can before the time runs out. Set the timer again and count back from 98.	Do jumping jacks as you count up by tens to 120 and back down again.	Use your sneaker to measure the length of your couch. Then use an adult's shoe to measure. Compare your measurements. If they are not the same, why?	Add five tens to 22. Then add 2 more ones. What number do you get?	IXL Recommendations in Grade 1 Tab: * D.12 Addition Word Problems - Sums up to 20 (KY5) * P.2 Compare objects: length and height (D7U)
Use coins or draw them to show at least 5 ways to make 25 cents. Is it possible to do it without using any pennies?	Tell the time that you wake up and go to bed to the closest half hour. Draw a picture of the clock face to show the times.	If 32 is the answer, what could be the question? Try to think of three possible problems that could be answered with 32.	If you save 2 cents every day of July, how much money will you have saved by the end of the month?	IXL Recommendations in Grade 1 Tab: * D.11 Complete the addition sentence - sums up to 20 (5BP) * P.8 Measure length with cubes (FBV)
Today's number is 18. Make 18 at least three ways using addition and subtraction.	Hold an ice cube in your hand. Count by twos until it melts. Is your count smaller or larger than 100?	Record the time when you eat lunch and dinner to the nearest half hour. Record the times using an analog clock face.	Start with 43. Add 4 tens and 4 ones. What number do you get?	IXL Recommendations in Grade 1 Tab: * H.10 Subtraction word problems - up to 20 (PV5) * H.13 Subtraction word problems - up to 20 (9Q9)

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Set a timer for 1 minute. Count down from 116 as far as you can before the timer rings.	Roll a die 2 times and use the numbers to create a 2-digit number. What is ten more than that number? What is ten less?	Go on a shape hunt for triangles and rectangles. When your hunt is done, count the number for each. Which total was higher?	Try this with real or paper sandwiches. How many different ways can you cut a sandwich into fourths?	IXL Recommendations in Grade 1 Tab: * O.2 Interpret picture graphs (GFA) * H.12 Complete the subtraction sentence - up to 20 (ZSR)
Tell and solve a number story about the expression 6 + 8. Tell a subtraction story about the expression 14 - 6.	Ask 10 people their favorite kind of fruit. Record your data in a chart or graph. Write three questions you could ask about the chart or graph and quiz someone at home.	How much do I have if I have 1 quarter, 2 dimes, and 1 nickel? Can you show that amount using a different combination of coins?	If 50 is the answer, what could the problem be? Try to think of three possible problems that could be answered with 50.	IXL Recommendations in Grade 1 Tab: * K.5 Compare numbers up to 100 using symbols (FU5) * J.1 Addition and subtraction - ways to make a number (Q8E)
Count up by tens from 9 to 119. Can you count back down by tens?	Go on a shape hunt. How many cylinders and spheres can you find?	Using a ruler or a piece of paper, find three things that are longer than 11 inches and three things that are shorter than 11 inches. (The long side of a piece of paper is 11 inches.)	Use quick tens and ones to draw 45 and 54. Circle the number that is smaller and explain to a family member how you know.	IXL Recommendations in Grade 1 Tab: * U.3 Match analog and digital clocks (7N3) * D.22 Add a one-digit number to a two-digit number - with regrouping (BF6)
Today's number is 35. Show at least 2 ways to make 35 using addition and at least 2 ways to make 35 using subtraction.	If 100 is the answer, what could the problem be? Try to think of three possible problems that could be answered with 100.	Take up to 20 pennies. Put some in each hand. Show 1 hand and have an adult figure out how many are hidden. Switch jobs for the next turn.	Start with 55. Take away 2 tens. Add 4 ones. What number do you end up with?	IXL Recommendations in Grade 1 Tab: * J.8 Ten more or less (CLA) * E.12 Use models to add a multiple of ten and a two-digit number (CSV)