Incoming Second Grade Summer Math Challenge

Directions: Color each box upon completion

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| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| Count orally by 2s, 5s, and 10s, sometimes starting at numbers other than zero. | Look for geometric shapes around the house, in the super-market, on buildings, and on street signs. | Show five different ways to make  $1. 25 using coins and/or bills. | Write 10 names for the following numbers:  6, 10, 24, 36 | Make up your own” Name Collection” box. Write at least 10 names in the box. | Over the next 2 weeks, record how many sunny, cloudy, and rainy days there are, and make a bar graph showing the results. | At a restaurant or while grocery shopping, work together to estimate the bill. Also, practice reading the prices on the menu. |
| Use the family calendar to discuss the number of months in a year, weeks in a month, and days in a week. Count how many days, it is until a special event. | Practice addition facts using Fact Triangles or Flashcards. | Practice subtraction facts using Fact Triangles or Flashcards. | Practice telling time to the hour, half-past the hour , quarter-to the hour, and quarter past the hour. | Cut out pictures from newspapers and magazines that show triangles, circles, squares and rectangles and make a collage. | Have your child create a number line (0-20) outside with sidewalk chalk. Call out a number and have your child jump, hop or skip to that number. | Take out a few dollars and lots of coins. Call out an amount of money, such as $1.25. Ask your child to show that amount. Then prompt your child to show several other ways to represent that amount. |
| Write the symbols > ,<  or = on the line.  10+23\_\_\_\_40  18+5\_\_\_5+18  32\_\_\_\_51-20  50\_\_\_\_25 | Draw and solve.  Mathew wants to read 8 books. He has read 2 books.  How many more books does Mathew have to read?  \_\_\_\_\_\_books | Together, make up multidigit addition and subtraction number stories. Solve them. Share solution strategies. | Make a timeline of your life. Include important events. Decorate with pictures and objects. | Visit the Library and look for books that have Mathematical concepts, such as:  Alexander, Who Used to be Rich Last Sunday  By J. Viorst | Play math educational games on the computer:  [www.kids](http://www.kids)  numbers  .com  [www.cool](http://www.cool)  math4kids  .com  [www.fun](http://www.fun)  brain.com | During a family road trip ,ask your children to look at the numbers on license plates and add up the numbers. You can assign a value to the letters, for example, every letter equals 5. |
| $2.00=  \_\_\_Pennies  \_\_\_Nickels  \_\_\_Dimes  \_\_\_Quarters  Practice with other money amounts. | "What’s My Rule?"  Complete the table and create your own.  Input Out  23 33  15 25  7 \_\_  37 \_\_ | Determine the pattern. What comes next in each pattern?  2,4,6,\_\_,\_\_,\_\_  50,60,\_\_,\_\_,\_\_  12,10,8,\_\_,\_\_,\_  Create your own patterns. | Play a game that involves mathematical thinking,  such as:  Trouble  Checkers  Connect Four  Uno  Clue  Monopoly Jr. | Sort toys or objects. Make a list of the objects you sorted. Talk about the groups you made. | Look at a recipe and measure the ingredients together. Discuss the different equivalent measures. | Find shapes around you that have lines of symmetry.  Draw pictures of them and the lines of symmetry. |

Child’s Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ New Class\_\_\_\_\_\_\_\_\_ Parent’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_