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+1832\_\_\_\_51-2050\_\_\_\_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 SundayBy 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\_\_\_QuartersPractice with other money amounts. | "What’s My Rule?"Complete the table and create your own.Input Out23 3315 257 \_\_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: TroubleCheckersConnect FourUnoClueMonopoly 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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_