Incoming Third Grade Summer Math Challenge

Directions: Color each box upon completion

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| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| At a restaurant or while grocery shopping, work together to estimate the bill. | Write a Fact Family for  each the following numbers:  12, 15, 18,24 | Show five different ways to make $1.64 using coins and/or bills. | Write 10 "Names" for the numbers:  8, 12, 36, 54 | Make up your own "Name Collection" box. Write at least 10 names in the box. | Over the next 7 days, record the actual temperature and make a bar graph showing the results. | Count by Quarters to $3.00  $0.50,\_\_\_, \_\_\_,  \_\_\_, \_\_\_, \_\_\_,  \_\_\_,\_\_\_\_,\_\_\_,  \_\_\_,\_\_\_\_. |
| Count in several different intervals; Forward by 2’s from 100, Forward by 10’s from 54, Backward by 10’s from 100 and so on. | Practice addition facts using Flashcards and or Fact Triangles. | Practice subtraction facts using Flashcards and or Fact Triangles. | Practice telling time by asking your child “What time is it?”, or “In how many minutes will it be 11:00, or 3:15?” Practice daily. | Cut out pictures from newspapers and magazines that show different shapes, such as triangles, quadrangles, and other polygons. | Mark certain routes on a road map and together figure the distance between two points in miles and kilometers | Collect a variety of coins and help your child count them. Discuss what other coin combinations would equal the same amount. |
| Take turns making up multiplication and division number stories to solve. | Review common multiplication shortcuts. For example ask: What happens when you multiply a number by 1? By 0?  By 10? | Together, make up multidigit addition and subtraction number stories. Solve them. Share solution strategies. | Make timelines of your lives. In addition to personal information, mark various dates of events that interest you, such as events in music, art, or sports. | Read the book  Grandfather Tang’s Story By  Ann Tompert  Create pictures using tangram pieces (Refer to the back of the book for suggestions.) | Play math educational games on the computer. Try these websites:  [www.kids](http://www.kids)  numbers  .com  [www.cool](http://www.cool)  math4kids  .com  [www.fun](http://www.fun)  brain.com | At the playground, time 4 children running across the field. Make a line graph of their finishing times. |
| What number is 10 more than  4, 492?  What number are 300 more than 567?  Make up more examples like these. | What’s the rule for my Input/  Output Machine?  Input Out  2 8  3 12  4 \_\_  Create  Your own. | 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  Battleship  Clue  Monopoly | Draw or make arrays and multiples of equal groups. Have your child make up and solve number stories to go  with them. | 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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_