Incoming Fourth Grade Summer Math Challenge

Directions: Color each box upon completion

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| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| Roll 2 dice together and add to find the sum. Record the sum. Do this 25 times. Create a bar graph with the results. What did you notice? | Use bills and coins. Share $45.90 equally among 3 people. How much does each person get?\_\_\_\_\_\_\_ | Think of a special day you are looking forward to. How many days until that special day?  How many weeks? | Ava leaves to go swimming at 4:05 and returns at 5:25. How long has she been gone? | John is seven years old. His sister is twice his age. In seven years, how old will his sister be? | If you have 4 pairs of pants: blue, red, green & black. You also have 4 pairs of socks: blue, red, green & black. How many different combinations of pants and socks are possible? | Use different beans, pasta, or shape cut outs from paper to make this pattern:  AABCC  Glue to a clean sheet. |
| Draw a pizza with toppings you like. Divide the pizza into eighths.  Label each eighth. | Flip a coin 50 times. Make a table for the heads and tails using tally marks each time you flip. How many heads and tails did you get? | Write all the even numbers from 1-100.  Write all the odd numbers from 1-100. | Write as many coin combinations that equal $1.00 using nickels, dimes, quarters, and pennies. | Collect some jar lids. Trace them in order from smallest to largest. | You have $10.00 to spend. Find something in the fliers you can buy. How much does it cost? How much change will you get, if any? | Write 10 names for the number 28. |
| Create a Bar Graph.  Max swam 5 laps. Kyle swam 8 laps. Chris swam 4 laps. What’s the Median number of laps? | Play a game that involves mathematical thinking, such as:  Trouble  Checkers  Connect Four  Uno  Battleship  Monopoly | Take turns making up Number Stories with three or more addends. Share strategies on how to solve. | At a restaurant or while grocery shopping, work together to estimate the bill. | Play math educational games on the computer. Try these websites:  [www.coolmath4kids.com](http://www.coolmath4kids.com)  [www.funbrain.com](http://www.funbrain.com)  [www.mathplayground.com](http://www.mathplayground.com) | Practice addition and subtraction facts, using Fact triangles or Flashcards. | Play 10 Questions.  One person thinks of a number between 1 to 100. The other person asks 10 yes or no questions |
| Read  The King’s  Commissioner by Aileen Friedman  How many ways can you group 43?  What will the princess do? | Write down the years people who live with you were born. Put them in order from least to greatest. | Write a fact family for each of the following numbers:  18  24  36  14 | Over the next two weeks, record the actual temperature and make a line graph showing the results. | Look at a recipe and measure the ingredients together with an adult. Discuss the different equivalent measures. | I am thinking of an odd number. It is greater than 33 and less than 40.  You say it when you skip count by 5’s. What number am I? | Riddle:  I have 4 sides. My opposite sides are equal in length. I have two pairs of parallel sides. I do not have any right angles. |

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