

Third Grade Summer Sizzlers



Think Summer, Fun, and Math!

Math Tools You'll Need:

Math Journal or notebook	Regular deck of playing cards	
Pencil, crayons	Shopping flyers	
Recipes or cookbooks	Ruler	Coins

DIRECTIONS:

Do your best to complete as many of these summer math activities as you can! Record your work in your math journal every day. In September return your Math Journal to your 4th grade teacher and earn a fabulous reward for your hard work.

Each journal entry should:


- ◆ have the date of the entry
- ◆ have a clear and complete answer
- ◆ be neat and organized.

Here's an example of a "GREAT" journal entry: August 2

Today I went to Nantasket Beach with my family. We left the house at 8:00am and got there at 9:30am. It took us one hour and thirty minutes, or 90 minutes, to get there. At the beach I found 16 unique shells. I gave 7 to my brother so I had 9 left over. The ice cream truck came and I bought a cone for \$1.50. I paid the woman \$2.00 and got back \$0.50 in change. We left the beach at 2:30pm. We stayed at the beach for five hours.

Awesome Websites to Check Out:

www.mathcafe.com	www.funbrain.com
www.multiplication.com	www.aaamath.com
www.aplusmath.com	

On a day you see , play a Math Game to practice your number facts. Write the date and the game you played in your journal.

Games to Play (Need a deck of cards)

1. Addition or Multiplication "Top it" (War)

Pass out all cards in the deck among all of the players. Each player flips over two cards. Add or multiply the two numbers showing. Players compare their values and the person with the higher value wins all four cards.

2. Close to 100

Deal 6 cards to each player. Use any 4 of your cards to make two 2 digit numbers (Aces = 1, Jacks, Queens, and Kings = wild, can be any digit 0 - 9). Try to make a combination that when added is close to or exactly 100. Write these two numbers in your journal. Your score is the difference between your total and 100.

Example: You turn over the following 6 cards:

5 4 3 A 8 3

You can combine 48 and 53 to make 101. Your score is 1 since the difference of 101 and 100 is 1. You can make a game board in your journal like this,







Round 1: $48 + 53 = 101$ Score 1

Put the cards you used in the discard pile. Keep the other two for the next round. Pick up four more cards. Play five rounds. Add the score to each round. The lowest score at the end of five rounds wins!!!


Cool Math Books to Read:

The Greedy Triangle by Marilyn Burns
The Doorbell Rang by Pat Hutchins
Amanda Bean's Amazing Dream by Cindy Neuschwander
The Hershey's Milk Chocolate Fraction Book
by Jerry Pallotta
Skittles Riddles Math by Barbara Barbieri McGrath
The Grapes of Math, Math Appeal by Gregg Tang

July 2010 Grade 3

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Coin Counter Grab a handful of coins and find the total. Write the total in your journal.	2 Scavenger Hunt Find 2 rectangles around you. Name and draw the objects.	3
4 Happy 4 th of July 	5 You are planning a party from 1:00 to 3:00pm. Create a schedule for the party. What activities would you plan? Include the times.	6 Use a shopping flyer to make a shopping list for your party. Find 5 items you need and add up the total cost.	7 Complete the Number Pattern _, _, 10, 14, 18 Explain the pattern.	8 John went for a bike ride from 3:30pm until 5:45pm. How long did he ride his bike?	9 Coin Counter Grab two hands full of coins and find the total. Write it in your journal.	10
11	12 Scavenger Hunt Find 3 triangles around you. Name and draw the objects.	13 You went shopping and spent \$2.25. You paid with a \$5.00 bill. What is your change?	14 Watch the sunset tonight. What time did the sunset? (Remember: a.m. or p.m.?)	15 Solve $763 + 858 =$ Can you write the answer in words?	16 	17
18	19 What is the shape of a kite? Draw one and decorate it. 	20 Jen is 53 inches tall and Deb is 48 inches tall. Who is taller? How much taller is she? Show your work in your journal.	21 Go on a Shape Hunt Look for an item shaped like a square, rectangle and circle in your house. Draw the item.	22 	23 Set the table for supper. Find the total number of plates, glasses, forks, knives, and spoons. Draw a picture of the table.	24
25	26 If you split 2 pizzas evenly among 3 people how much pizza will each person get? Write your answer as a fraction.	27 	28 Write about how you used Math today!	29 Find at least 3 different ways to make \$3.50. You may use any combination of coins or bills that you want. Record it in your journal.	30 Use <, >, or = to compare $7 + 7$ ____ 9×2 Explain your answer.	31

August 2010 Grade 3

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 $5 + 8 = 4 +$ ____ Copy this problem in your journal and fill in the blank with the correct answer. Explain how you got the answer.	3 Solve $6 \times$ ____ $= 36$. Write a story problem to go with it.	4 Draw this figure: Show which lines are parallel.	5 Use a grocery store flyer to plan a breakfast. List all the items you need and record the price of each item. How much will the entire breakfast cost?	6 	7
8	9 Help an adult follow a recipe. Write about how you did it. Include the measurements you used.	10 Continue the Pattern 50, 45, 40, __, __ Explain the pattern.	11 Kim swam 6 laps in her pool each day for 7 days. How many laps did Kim swim in all? Explain your thinking!	12 Take a survey of the favorite foods in your family. Write the data down in your journal using a chart.	13 Show the results from the survey you did yesterday. Use the data from the survey to create a graph.	14
15	16 How many days until school starts? How many weeks? The first day of school is Wednesday, September 2, 2010.	17 Using a ruler measure the length, width and height of your kitchen table. Draw a picture showing the measurements.	18 Create a survey for favorite day of the week. Ask at least 20 people. Make a chart of the results.	19 Summer vacation is 76 days long. We have been on vacation for 12 days so far. How many days of vacation are left?	20 YOU DID IT! Take your journal to school on September 2!	21