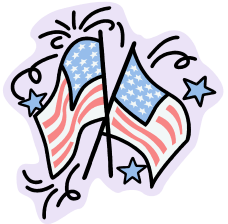
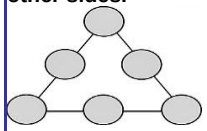
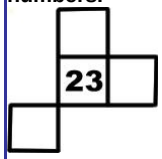
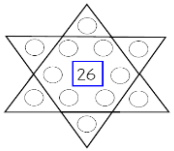
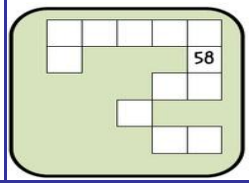
Grade 2 Going Into Grade 3 Summer Math Calendar

~ July 2014 ~

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Welcome to the summer math calendar for students entering Third Grade. This calendar is recommended, but not required. Reviewing the learned skills will maintain the foundation for math success at the next grade level.		1 Verbally name a specific amount ($0.25). Build sets to show that amount. How many different coin combinations can be made? Which combination uses the fewest number of coins?	2 Solve 53+38 using the strategy Addition Split: Example: 32 + 18 30 + 2 +10 + 8 40 + 10 = 50	3 Take a handful of coins. Sort them by name and create a bar graph to show your data. Remember your graph must have a title and labels on each axis. Write 3 facts that you notice about your data.	4 Independence Day 	5 Place the numbers 1-6 in each circle once making sure that the sums of each side match the sum of the other sides. 
6 Mrs. Glawe has $10.00 to spend for her lunch. If she buys a salad for $5.25, a drink for $1.25, and an apple for $0.50, then how much money will she have leftover? Will she have enough to purchase a cookie for $0.75?	7 Below is part of a hundreds chart. Fill in the missing numbers.  	8 Complete the fact family for: 5 + 3 = 8 _____ _____ _____	9 Write an addition word problem for another family member to solve.	10 Write your numbers by 5's from 1 - 100.	11 Use the numbers 2, 3, 1, and 7 to write the largest number and then the smallest number. Explain to a family member how you know you have made the largest number.	12 Find an analog clock (a clock with a face) and read the time of day to a family member.
13 Position the numbers 1-12 so that each row and diagonal has the sum of 26.  	14 Look around your house and identify geometric shapes (polygons, quadrilaterals, pentagons, hexagons, triangles, and octagons). Identify their attributes (sides, faces, corners)	15 Look around your house and identify solid shapes this time (rectangular prism, sphere, cone, cylinders).	16 Compare each pair of numbers. Write the correct comparison symbol (> or <) in each circle. 124 O 134 585 O 576 613 O 631	17 Make as many different arrays as you can with the number 18. Write a number model for each array. For example for 12: xxxx xxxx xxxx 4 + 4 + 4 = 12	18 Solve 432 + 318 using the strategy Addition Split: Example: 146 + 235 100 + 40 + 6 +200 + 30 + 5 300 + 70 + 11 = 381	19 Below is part of a hundreds chart. Fill in the missing numbers. 
20 Use the numbers 8, 4, 5 and 7 to write the largest number and then the smallest number. Explain to a family member how you know you have made the smallest number.	21 Solve 85 – 47 using the strategy Subtraction Split: Example: 96 – 58 80 + 16 -50 + 8 30 + 8 = 38	22 Write your numbers by 10's from 1 - 100.	23 Play buzz by picking a number between 1 and 10. Take turns with a family member counting and every time you get that number or its multiple you need to say buzz instead of the number or you are out of the game.	24 While doing some summer reading, note what page you started reading from and what page you ended on. What is the difference?	25 Compare each pair of numbers. Write the correct comparison symbol (> or <) in each circle. 915 O 951 188 O 197 411 O 401	26 Complete the fact family for: 7 – 4 = 3 _____ _____ _____
27 Write a subtraction word problem for another family member to solve.	28 Mrs. Teske needs to buy her daughter some socks for college. She has $10 and the socks cost 6 pairs for $9.95. How much money will she have leftover once she buys the socks?	29 Make as many different arrays as you can with the number 24. Write a number model for each array (For an example see July 18).	30 Give your child a handful of change and ask them to count it. Take one more handful, count and compare the two amounts. Which is greater? Less?	31 Solve 483 – 334 using the strategy Subtraction Split: Example: 764 – 436 700 + 50 + 14 -400 + 30 + 6 300 + 20 + 8 = 328	The design of the activities on this calendar is meant to support instruction in the new curriculum in both its content and presentation. Therefore the activities are not to be done as independent problems, but to be worked on with a parent, guardian or older brother or sister. Talking about the problem is an important part of completing each activity. On the backside of this calendar are recommended math websites for more reinforcement of math concepts and computation.	

http://www.allmath.com/
This site has flash cards and links to other sites for games, math humor, worksheets, math help and more.

http://www.aplusmath.com
This site has basic facts flash cards and a game room, worksheets, multiplication table practice and more.

http://www.mathfactcafe.com
This site has a pencil next to pre-made cards so kids can do the facts and have the computer check them. Kids can print them out and also put in their own numbers and make their own worksheets.

http://www.funbrain.com
This site has easier to harder addition and subtraction computation and problem solving. It also has language and grammar skills activities

http://www.dositey.com/
This site is a lot of fun and is good for 2 digit addition with and without regrouping

http://www.24game.com
This site has math games using basic operations

http://www.coolmath4kids.com
This site has a wide range of topics and will give you step-by-step instructions.

http://www.abc.net.au/countusin/games
Each game is designed to help kids understand basic concepts in math. This site has a variety of math games i.e. volume, length, halves, chance, numbers, time, sorting, subtraction, and addition. It is better for students of the primary grades.

http://www.learningplanet.com
This site has games by grade level but with advertisement and a subscription. There are some free games.

http://www.gamequarium.com
This site has math activities for K-6.

http://www.SETGame.com
This is a card game to build students' visual thinking and pattern skills in math. Commercial, but does have some great free puzzles.

http://www.math.com
Good resource of how to do problems

http://www.mathcats.com
This is an interactive fun site

http://www.spikesgamezone.com
Lots of math games

http://www.funschool.com
This site has games, but also commercial advertising

http://www.figurethis.org
This site gives you ideas for fun hands-on math activities. Good for upper grades

http://www.kidsites.com
List of sites for math as well as other subjects.

http://timezattack.com
FREE home version for practicing multiplication facts (also new versions for division, addition, and subtraction!)

http://abcya.com
Loads of math games for K-5 as well as games for reading and language arts