Math and Science Night **Math Activities** **November 16, 2011**

Kinder Math Activities	First Grade Math Activities	Second Grade Math Activities
Build a Tower Students use a dice to roll and build towers of the number received. The first number to build 5 towers wins. Patterns Students used varied blocks and materials to make patterns and then count of how many times the pattern was repeated.	Roll and Record Recording Sheet Students roll two dice and find their sum. They then cover that amount on the recording sheet. The first amount to be covered completely wins. Five in a Row Game board Students roll two dice and find their sum. Then they cover that amount on the game board. Players take turns. The first player to get five numbers covered in a row wins.	Addition and Subtraction War Students use a regular deck of cards or build cards with index cards for numbers on their level. Players split cards and then at the same time each player turns one over, add the card to find the sum or subtract to find the difference. Make 25 Cents Students roll a dice and then take that amount in coins. Taking turns opponents continue while trading in coins to make 25 cents.
Third Grade Activities	**Fourth Grade Activities**	**Fifth Grade Activities**
Close to 100 Students use cards 0-9 which can be playing cards. They draw six cards and use four of them to create two numbers that when added together get as close to 100 as possible. For each turn find the difference between the sum and 100. Then, add the sums of all rounds. The person with the least amount wins. Capture 5 Change Cards 1 Change Cards 2 Recording Sheet 100 Chart Develop a strategy to capture 5 markers on a 100 board by using addition and subtraction.	Straw Lengths and Square Units Students manipulated different pasta enclosed on a length of yarn. They then found the perimeter and square units of the shape created before arranging the same pasta differently to find different measures of perimeter and area. How Do You Measure Up? Who knew that one sheet of paper could be so long? Students cut a sheet of paper strategically in order to make one long sheet of paper.	Product Game Students use their knowledge of factors to strategize to color in products on the game board. The first player to color four products in a row wins. The Array Game Array Game; Game Board Students use dice to roll. Using the two numbers they roll, they create an array and color it in on the board with their color. The opponent does the same. The person with the most board covered wins the game.

Interactive Websites for your kids to explore!

http://www.mathisfun.com/
http://www.coolmath4kids.com/
http://www.primarygames.com/math.htm
http://www.funbrain.com/brain/MathBrain/MathBrain.html
http://www.multiplication.com/

**** The Titles that are underlined are hyperlinked to the actual resource you will need for the game.****