Summer Math Resources

Discover mathematics all around you this summer!!! Just as with reading, regular practice over the summer with problem solving, computation, and math facts will maintain and strengthen the mathematical gains you made over the school year. Below, you will find creative mathematics activities to explore at home. The goal is for you to have fun thinking and working collaboratively to communicate mathematical ideas. While you are working, ask how the solution was found and why a particular strategy was chosen.

Fun math books to read:	Fun websites to explore:
Amanda Bean's Amazing Dream by Cindy Neuschwander **The Greedy Triangle by Marilyn Burns** **Measuring Penny by Loreen Leedy** **Math for all Seasons by Greg Tang** The $1.00 Word Riddle Book by Marilyn Burns Fraction Fun by David Adler The Best of Times by Greg Tang Pigs Will be Pigs: Fun with Math and Money by Amy Axelrod Counting on Frank by Rod Clement A Grain of Rice by Helena Clare Pittman Sideways Arithmetic from Wayside School by Louis Sachar Divide and Ride by Stuart Murphy Lemonade for Sale by Stuart Murphy	www.funbrain.com www.aplusmath.com www.pbskids.org https://illuminations.nctm.org/ www.setgame.com www.multiplication.com Investigations Math Games Investigations Math Words and Ideas Math At Home-The Math Learning Center Math Playground Virtual Manipulatives More Virtual Manipulatives Which one does not Belong

Games To Play (You will need a deck of cards)

Multiplication Compare
Pass out all the cards equally between 2 or 3 players. Each player turns over 2 cards and multiplies the numbers together. The person with the higher product wins the pile of cards. If you have the same product repeat the procedure. Winner takes all the cards.

Close to 1000
Deal 8 cards to each player.
Use any 6 cards to make two 3-digit numbers.
Try to make the sum close to or exactly 1000.
For example,148 + 853 =1001.
Your score is 1 because the difference between 1001 and 1000 is 1.
The lowest score after five rounds wins.

Other games to play: Checkers, Othello, Memory, Set, jigsaw puzzles, Parcheesi, Crazy Eights, Connect Four, Legos, etc.