



# North Stonington Elementary School

There are so many exciting and enjoyable activities that kids can do related to math independently or with their families!

- **Board Games**: Games are a great way to practice basic math skills. Often kids don't even realize they are using math.
- **Math Websites**: There are so many great websites that engage kids and excite them about math.
- **Math Apps**: Often we use math manipulatives in the classroom and some of the manipulatives can be used through math apps such as geoboard, rekenrek and place value apps.
- **Math Books**: Some great ideas would be to read a book about math. Below are some great suggestions of math books.

If you have any apps or website suggestions please feel free to email at [dscanapieco@northstonington.k12.ct.us](mailto:dscanapieco@northstonington.k12.ct.us)

Mrs. Deanna Scanapieco

# Family Game

Family Games are a fun way to incorporate math!

## Number Recognition and Counting

- **Go Fish:** The original version of matching numbers is great for PreK and K children. First graders play and find sums to 10. For example: I have a 4 in my hand so I ask if anyone has a 6 to make a sum of 10. Second and Third graders can also play and make up creative versions in which after you match a number you add or multiply the numbers.
- **Concentration or Memory:** You can use cards to play similar games to match numbers or find numbers that equal ten.

- **Chutes and Ladders**

- **Candyland**

- **Trouble**

- **Skip Bo**

- **Uno**

- **Sorry**

- **Go Fish**

- **Racko**

- **Bingo**

- **Phase 10**

- **Hi Ho Cherry O'**



## Addition/Multiplication

- **Addition or Multiplication Top-it:** All you need is a deck of cards or dice! Each player turns over two cards and either adds or multiplies the cards/dice. The player with the higher answer keeps all the cards or rolls again.
- **Yahtzee:** This is a fun way to practice your facts and think about numbers! The original game is best for grades 2 and 3 and there are other versions available for younger grades.
- **Dominoes**

## Money

- **Meet Me at the Mall**
- **Monopoly** (Jr./Adult)
- **Playing Store:** Cash registers, coins and bills

## Problem Solving and Strategies

- **Battleship**
- **Chess**
- **Checkers**
- **Risk**
- **Chess**
- **Puzzles**
- **Clue**
- **Legos**

# Wonderful Websites

Click on the links below to visit some great math websites!

[Fun 4 the Brain](#)

[Turtle Diary Math Games](#)

[Set Game Daily Puzzle](#)

[Arcademic Skill Builders](#) - my favorite time games are Giraffe Dash and Giraffe Pull!

[TVO kids](#) - my favorites are Coin Combo and Tumbleweed's Math Maze!

[Math Fact Cafe](#) - great for printing out practice sheets and flashcards!

[Professor Garfield Math](#)

[Greg Tang Kakooma](#) - this is a new free website that has a new version of Kakooma with fractions!

[Math Magician](#) - fun fact practice, become a Math Magician!!

[Illuminations Five Frame](#) - great for Kindergarten and First grade students this time of year.

[Illuminations Ten Frame](#) - a great way to practice your number partners to 10 and adding!

[Dreambox Interactive tools](#) - ten frames and open number lines!

[Funbrain Math TicTacToe](#) - play tic tac toe while practicing your facts!

[DICE GAME](#) - great for practicing doubles facts and facts to 12!

[TWO LESS THAN GAME](#) - practice 2 less than!

[Thinking Blocks - Solving Word Problems using bar modeling](#)

[Shark Numbers](#) - excellent place value practice!! A favorite from the lab this year!

[100's Chart Game](#) - practice finding the target number!

[Add 10 on the 100's Chart](#) - practice adding 10 to the target number

# Amazing Free Apps

## Math Learning Center

Number Rack, Geoboard, Number Pieces (Place Value Blocks)

Math Tappers Apps - Numberline, Multiples, Estimate Fractions, ClockMaster, Find Sums, and Equivalents. These are sometimes hard to find on the app store.

## PreK

Tally Tots Counting

Pirate Trio - Shapes and Puzzles

Little Monkey Apps – Subitizing



## Kindergarten

Little Monkey Apps - Domino Addition and Subitizing Flash Cards

Geoboard App - The Math Learning Center

Math Motion Zoom - the number line activity is perfect for Kindergarten!

Pirate Trio - Shapes and Puzzles

The Subitize Tree

Math Tappers - Find Sums

Hungry Guppy

10 Frame Fill

## First Grade

Math Tappers Apps - Find Sums

Little Monkey Apps - Number Lines, Subitizing Flash Cards, Domino Addition, Missing Number, and Place Value

Hungry Fish and Hungry Guppy

Geoboard - from The Math Learning Center

Ten Frame Fill

## Second Grade

Math Tappers Apps - Find Sums, and ClockMaster

Little Monkey Apps - Domino Addition, Missing Number, and Place Value and Mystery Number

Kakooma Addition

Hungry Fish

Geoboard - from The Math Learning Center

Math Motion Zoom

Number Pieces - from the Math Learning Center

Chocolate Chip Cookie Factory - place value

Garfield Mental Math

Math Stretch - covers many different math concepts

Magic Ten

Frankin's Friends of 10

## **Third Grade**

Math Tappers Apps - Multiples

Kakooma Addition and Multiplication

Hungry Fish

Sushi Monster

Math Stretch

Chocolate Chip Cookie Factory Place Value

## **Fourth and Fifth Grade**

Math Motion Zoom - excellent decimal practice!

Kakooma Addition and Multiplication

Astro Math - practice your factors and multiples!

Hungry Fish

Sushi Monster - Addition and Subtraction

Pizza Fractions

Math Motion Zoom - great for decimal practice

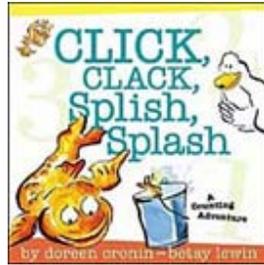
Thinking Blocks - Addition and Subtraction

Thinking Blocks - Multiplication and Division

# Best Math Books

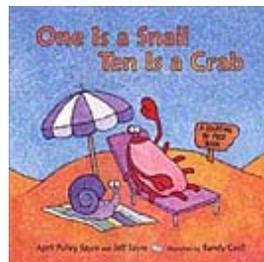
Clever, funny, well-illustrated, interesting math books can make teaching real world math so much more exciting for kids.

[Click on this to see a great list of math books by topic!](#)



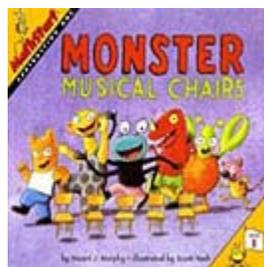
## [numbers/counting](#)

A perfect resource for teaching preschool & Kindergarten math.



## [addition books](#)

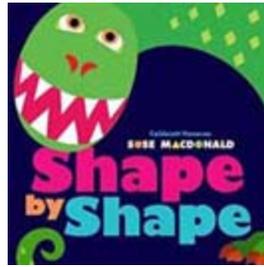
These creative books make learning addition more fun and concrete.



## [subtraction](#)

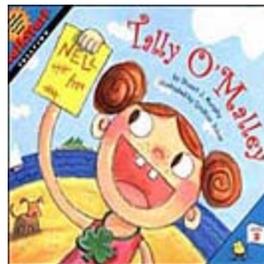
Best math picture

books for subtraction  
math lessons.



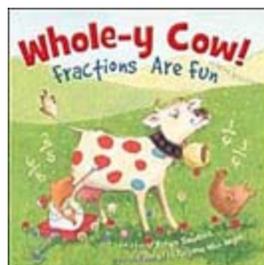
### [shapes books](#)

Children's books make  
learning this fun topic  
even more fun!



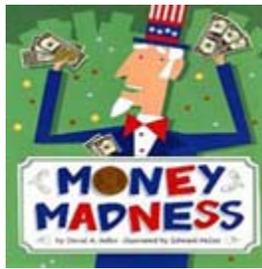
### [graphing books](#)

Graphing is fun with  
these clever math  
picture books for kids.



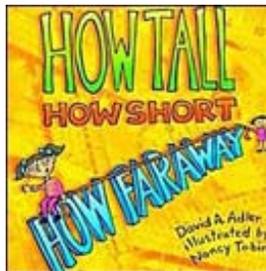
### [fractions books](#)

Fractions can be a  
challenge, but these  
books can help!



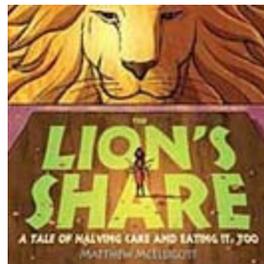
### books on money

Make learning about money fun with these great picture books.



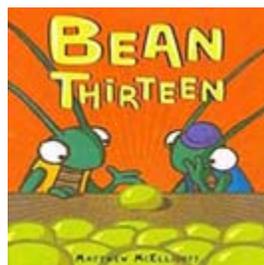
### measurement

Add these great books to your classroom or home school math.



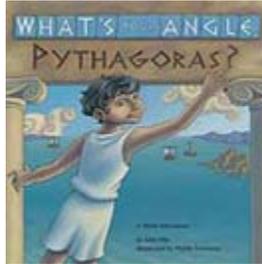
### multiplication

Kids books are great for showing real world uses for multiplication.



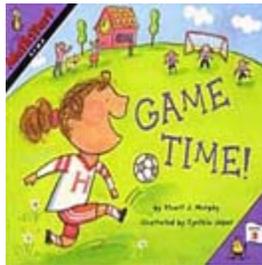
### division books

We're still building this list. Know of any math books we can add?



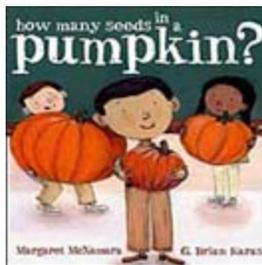
### geometry books

Math picture books can make learning geometry more clear.



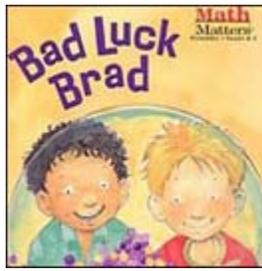
### telling time

Elementary math includes teaching days, clocks, calendars...



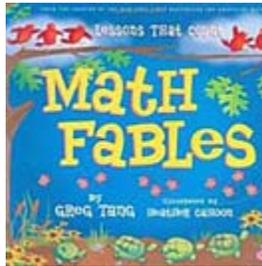
### estimation

Strong estimation skills are invaluable to math success.



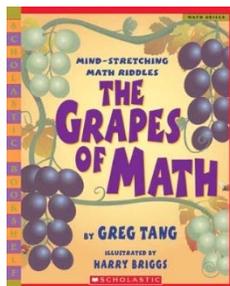
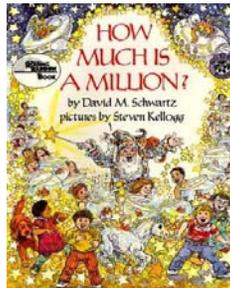
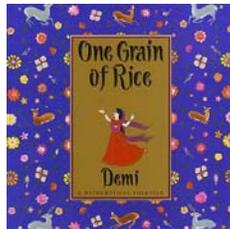
### probability

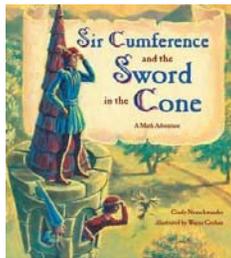
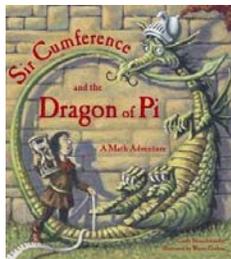
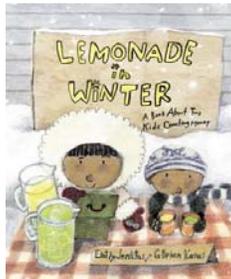
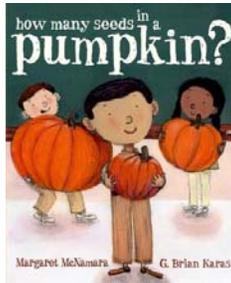
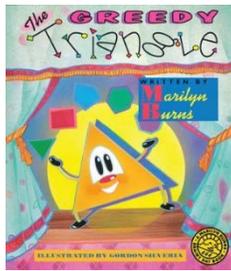
These cute math books are great for this important topic.

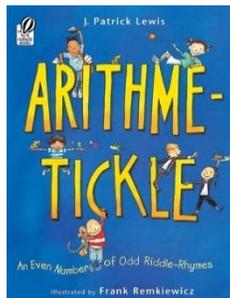
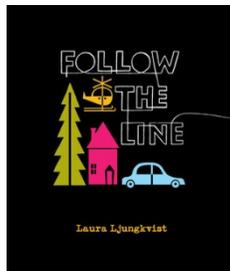
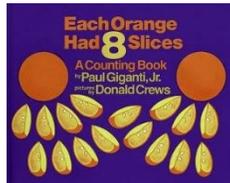
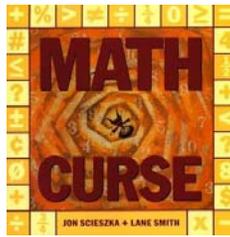


### other math

A range of math picture books on place value, odd/even...







## Bedtime Math

There is a website that makes a nightly math story. You can sign up to receive the daily emails containing the story and math problems at different age levels to discuss with your children. Try and add it into your nighttime story routine! Check it out at [Bedtime Math Parent Guide](#).