

## ENTERING GRADE 4

Here are mathematics activities that will reinforce what was learned in school this past year. Study your math facts and complete as many MATHOs as you can this summer. Have a parent or guardian initial or sign each activity that you complete and return this paper to your new teacher when you return to school. You do not need to submit your actual work.

This is like a game of BINGO. Complete five activities in any one row or diagonal (columns of the same letter do not count in this game). Complete as many MATHOs as you can this summer. Because space is limited, some of the directions are abbreviated. You can make up any additional directions you may need.

<b>M</b>	<b>A</b>	<b>T</b>	<b>H</b>	<b>O</b>
Circle every number on the front page of the newspaper. Categorize them into greater than, less than or equal to 1,000.	Find a number on a sign while in the car. See how many different ways you can equal that number (Speed Limit 25 $25=5 \times 5=10+15=50-25$ , etc.)	In a week, will you read more books if you read 5 books each day or 1 book the 1 <sup>st</sup> day and double it each day after?	How many arrays can you make with an area of 24 square units? What is the perimeter for each?	List all the combinations of coins you could use to make 52 cents.
Select a day and calculate the difference in the highest and lowest temperatures.	Select three books. Count how many words you can read in one minute in each book. Compare.	Graph the number of each color M&Ms in an individual package. Make 3 statements about the data.	Write a schedule for tomorrow that includes hours and minutes of your activities.	What will the ninth number be in the pattern 2, 4, 7, 9, 12, 14... What is the rule?
What multiplication families can be used to represent 24?	Make a table to record the temperature for the next 7 days, starting today.	How many different sundaes can you make with vanilla and chocolate ice cream, sprinkles, nuts and Oreos?	Draw a rectangle Draw diagonals to connect opposite corners. How many triangles are in the figure?	Flip a penny 50 times. Record the results on a tally chart.
Write a word problem that this will solve: $6 \times 8 =$ . What addition equation means the same?	Skip count five numbers for each even number through 12 (start with 2,4,6,8,10). Describe any patterns you see.	Figure the amount of time that passed between when you woke up and when you ate lunch on three different days. Graph the data.	Estimate how many gallons of water does it take to fill your bathtub two inches? Check it.	Which capital letters in the alphabet have line symmetry?
Review the times tables for 5 and 6 Have someone give you a quiz. How did you do?	$3 \times \underline{\quad} = 12$ What number is missing? How do you know?	A farmer has chickens and cows. What combinations could total 24 legs?	Draw a Fahrenheit thermometer. Label the freezing and boiling points.	Color a spinner $\frac{1}{2}$ green, $\frac{1}{4}$ blue, and $\frac{2}{8}$ yellow. What color would you most likely land on.

*These activities are aligned to the Grade Level Expectations for the grade that has just been completed.*

Check out the list of fun math web sites on the back!

## Math Web Sites

[www.aaamath.com](http://www.aaamath.com)

\* pick the grade level and lesson/activity to practice

[www.aplusmath.com](http://www.aplusmath.com)

\* practice math skills using flash cards and games

[www.mathplayground.com](http://www.mathplayground.com)

\* fun math resources for grades K-8

[www.funbrain.com](http://www.funbrain.com)

\* math games

[www.coolmath4kids.com](http://www.coolmath4kids.com)

\* ages 10 -100 fun ways to practice math skills

[www.factmonster.com](http://www.factmonster.com)

\* learn about numbers, fractions measurement, money, etc..

<http://www.internet4classrooms.com/skills-3rd-mathbuilders.htm>

[www.ixl.com/math/practice/](http://www.ixl.com/math/practice/)

# SUMMER MATH SKILLS SHARPENER

The Edgartown School has purchased workbooks for grades K through 7 that are designed to help students maintain their math skills throughout the summer months.

These workbooks:

- ❖ Are presented in an easy to follow format.
- ❖ Contain 30 lessons per book: this means your child can work just 3 days per week, 10-20 minutes per lesson, for 10 weeks.
- ❖ Contain a tutorial section.
- ❖ Contain an answer sheet and solution pages.
- ❖ Provide a quick refresher of basic skills already taught the preceding year. Your child will use the workbook for the grade level they just completed.

If you would like to see a sample, see Linda Brown at the school store.

The cost of these books is \$16.

If this is a financial burden, please see Linda Brown.

The books are available at the school store or you can contact Linda Brown at 508 627-3316 Ext. 254

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[Add a Comment \(0\)](#)Original URL: <http://school.familyeducation.com/reading/fiction/37728.html>

# FamilyEducation

## Books for Ages 9-10

***Charlotte's Web***, by E. B. White

Wilbur, the pig, is desolate when he discovers that he is destined to be the farmer's Christmas dinner until his spider friend, Charlotte decides to help him.

***Tuck Everlasting***, by Natalie Babbitt

The Tuck family is confronted with an agonizing situation when they discover that a ten-year-old girl and a malicious stranger now share their secret about a spring whose water prevents one from ever growing older.

***Sarah, Plain and Tall***, by Patricia MacLachlan

When their father invites a mail-order bride to come live with them in their prairie home, Caleb and Anna are captivated by their new mother and hope that she will stay.

***Bill Peet: An Autobiography***, by Bill Peet

The well-known author and illustrator relates the story of his life and work.

***Bridge to Terabithia***, by Katherine Paterson

The life of a ten-year-old boy in rural Virginia expands when he becomes friends with a newcomer who subsequently meets an untimely death trying to reach their hideaway, Terabithia, during a storm.

***Charlie and the Chocolate Factory***, by Roald Dahl

Each of five children lucky enough to discover an entry ticket into Mr. Willy Wonka's mysterious chocolate factory takes advantage of the situation in his own way.

***Where the Sidewalk Ends***, by Shel Silverstein

Irreverent, hilarious and wildly popular, this collection of Silverstein's verse is hard to put down.

***Dear Mr. Henshaw***, by Beverly Cleary

In his letters to his favorite author, ten-year-old Leigh reveals his problems in coping with his parents' divorce, being the new boy in school, and generally finding his own place in the world.

***Little House on the Prairie***, by Laura Ingalls Wilder

The adventures continue for Laura Ingalls and her family as they leave their little house in the Big Woods of Wisconsin and set out for Kansas. They travel for many days in their covered wagon until they find the best spot to build their little house on the prairie. Sometimes pioneer life is hard, but Laura and her folks are always busy and happy in their new little house.

***James and the Giant Peach***, by Roald Dahl

For young James Henry Trotter, life with the exceedingly nasty Aunt Sponge and Aunt Spiker is pure misery. James dreams of a better life, but he's totally unprepared for the wild adventures ahead of him when he drops the magic crystals he receives from a strange old man. Before long James is off on a weird, wonderful journey inside a giant peach with a bizarre group of companions!

***Tales of a Fourth Grade Nothing***, by Judy Blume

A nine-year-old is "given" a little brother and soon decides that she is expendable. But some things about little brother are lovable too.

***Shiloh***, by Phyllis Reynolds Naylor

Eleven-year-old Marty Preston "finds a stray dog that seems to be abused and is determined to keep it at all costs.

Because his family is very poor, without money to feed another mouth, his parents don't want any pets. Subsequently, there is a lot of conflict over the animal within the family and between Marty and Judd Travers, the dog's owner

***Mr. Popper's Penguins***, by Richard Atwater and Florence Atwater

The unexpected delivery of a large crate containing an Antarctic penguin changes the life and fortunes of Mr. Popper, a house painter obsessed by dreams of the Polar regions.

***Harriet the Spy***, by Louise Fitzhugh

Harriet M. Welsch is determined to grow up and be a famous author. In the meantime, she practices by following a regular spy route each day and writing down everything she sees in her secret notebook. Then one morning, her classmates find her spy notebook and read it out loud! Harriet's in big trouble. The other sixth-graders are stealing her tomato sandwiches, forming a spy-catcher club, and writing notes of their own – all about Harriet!

***Stuart Little***, by E. B. White

The adventures of the debonair mouse Stuart Little as he sets out in the world to seek out his dearest friend, a little bird who stayed a few days in his family's garden.

***Walk Two Moons***, by Sharon Creech

After her mother leaves home suddenly, thirteen-year-old Sal and her grandparents take a car trip retracing her mother's route. Along the way, Sal recounts the story of her friend Phoebe, whose mother also left.

***Out of the Dust***, by Karen Hesse

In a series of poems, fifteen-year-old Billie Jo relates the hardships of living on her family's wheat farm in Oklahoma during the dust bowl years of the Depression.

#### Online Books

***Callahan Cousins: Summer Begins***

This exciting, new book introduces four engaging Callahan cousins. The girls find plenty of lessons and adventures while spending the summer with their grandmother on Gull Island.

***Diary of a Wimpy Kid***

Middle-school students will love this fun, online reading experience. New daily entries, full of the fictitious Greg Heffley's life mishaps and musings, will carry you through the year.

***Camp Confidential Natalie's Secret***

Natalie Goode goes from life in the city to Camp Lakeview, where the secret she's been keeping might get in the way of new friendships.

***Camp Confidential Jenna's Dilemma***

Jenna is determined to make camp fun this year, in spite of her parents' separation and the company of her twin brother and older sister.

#### Back to the Recommended Reading List

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