



Math



2014 - 2015 GRO Unit - Grade 2

Lake Hiawatha Branch Library Research Guide



The library is the heart of your community!

BOOKS

These are just a few of the books about math owned by the **Lake Hiawatha Library**.

Go Figure! A Totally Cool Book About Numbers (2005)

By Johnny Ball, J510 BAL

Have fun with numbers and shapes! Play with magic squares, brain teasers, tangrams, circles, tessellations, and more!

Math Appeal (2003)

By Greg Tang, J510 TAN

Improve your problem solving skills as you solve rhyming math riddles.

Growing Patterns. Fibonacci Numbers in Nature (2010)

By Sarah C. Campbell, J512.7 CAM

What are Fibonacci numbers? Learn about this mysterious, but simple pattern found in nature, through explanations accompanied by striking, color photographs.

Triangles (2014)

By David A. Adler, J516.15 ADL

Two friends and their robot help you learn everything there is to know about triangles, including terminology and how to identify different types of triangles.

Mysterious Patterns. Finding Fractals in Nature (2014)

By Sarah C. Campbell, J516.15 CAM

Do you know what fractals are? Find out as the author explains naturally repeating fractals while discussing what makes them unique, and explaining how to move beyond familiar shapes in nature to recognize more intricate patterns.

That's a Possibility! A book about what might happen (2013)

By Grude Goldstone, J519.2 GOL

How can you know if something is possible, probable or impossible? Children learn about the mathematical concept of probability in this fun, interactive book full of entertaining and easy to understand scenarios.

Great Estimations (2006)

By Bruce Goldstone, J519.544 GOL

Want help guessing how many candies are in the candy jar? This book will show you how to train your eyes and mind to make really great estimations!

SEARCH THE SHELVES

Browse the nonfiction shelves for books with the following call numbers:

EJ 510-EJ 519 & J 510-J 519 for

Books on **MATH**

J 793.7-J 793.8 for Books on MATH FUN

Search the Online Catalog

at **parsippanylibrary.org**

and click on

Catalog.

Then type any one of these terms (or any term you choose) in the search box:

MATHEMATICS

GEOMETRY

SHAPES

TANGRAMS

TESSELLATIONS

MATHEMATICAL RECREATIONS

Limit your results by clicking on choices in the **NARROW YOUR SEARCH** frame on the left hand side of the screen.

Limit by **LIBRARY, AGE LEVEL,**

FICTION OR NONFICTION, etc.

THINK OUTSIDE THE BRANCH

Don't forget...you have access to books at all Parsippany Libraries, as well as in the MAIN (Morris County) Library system. If you search the library and find a book we don't have, ask a librarian to have it sent here!

SOME HELPFUL WEB SITES

Shapes that Tessellate

<http://gwydir.demon.co.uk/jo/tess/grids.htm>

Learn more about tessellations and design your own, online.

An Amusement Park of Math and More

<http://www.coolmath.com>

Have fun with algebra, geometry, math games and more!

Math Baseball

<http://www.funbrain.com/math/index.html>

Practice basic math skills while playing a game of baseball. Choose your difficulty level, and play in "algebraic" mode, if desired.

Find It! Geometry

<http://pbskids.org/cyberchase/find-it/geometry/>

View short video clips and instructions for activities on circumference, grids, tessellations, and more.

For More Great MATH Websites for Kids, go to...

<http://gws.ala.org/category/mathematics-computers>

Did you know...

The library provides FREE

ONLINE RESOURCES

just for kids!

You can access them from anywhere. You will need your library card barcode to access them from home or your smartphone.

Go to **parsippanylibrary.org**, click on **Research**, then click **Databases**.

A few that may be helpful:

- Kids Search
- Searchasaurus
- World Almanac for Kids

Need help?
Ask a librarian.

