

Dear Parents,

We are very excited to invite your child to participate in our summer enrichment program! This is a wonderful opportunity to **STOP** the summer brain drain. It has been noted that students can lose **30-50%** of their academic growth over the summer months. Over the course of three years, this can accumulate to a **full year's** worth of knowledge and progress. We do not want this to happen. This packet includes details about our **Reading Challenge** and ideas on how to incorporate **math** into your summer days and nights. There is also a copy of the Core Knowledge "Scope and Sequence," which describes what your child will be learning next year. Writing a name on each page will help us keep track of prizes. Please partner with us to promote and continue your child's academic growth over the summer.

# BLAST OUT THE BRAIN DRAIN! 4<sup>TH</sup> GRADE

## Table of Contents:

|               |                 |
|---------------|-----------------|
| Page 1.....   | Welcome!        |
| Page 2.....   | The Three Tiers |
| Page 3-4..... | Books and Books |
| Page 5.....   | Looking Forward |
| Page 6.....   | Math Whiz       |
| Pages 7-8.... | Game Boards     |



**Packet Due by August 23, 2024**

# NOW For the Fun Part!

We would like to recognize and celebrate your child's hard work in these endeavors by offering fun events in the fall. There are three tiers of incentives:



## Bronze Tier

The Bronze Tier is for children who read **10** hours. These students will receive the **Bronze Tier prize!**

## Silver Tier

The Silver Tier is for children who read **20** hours. These students will receive the **Bronze and Silver Tier prizes!**

## Gold Tier

The Gold Tier is for those who **meet or exceed** the **30** hour goal. They will receive the **Bronze and Silver Tier prizes, and** earn a **Gold Tier Prize!** All three could be yours with your diligent reading efforts.

In addition, each student who completes both the math and reading game boards will be entered to win the.....

# GRAND PRIZE!

# Books and Books



Below are the Summer Reader's Club guidelines. The hours are the total amount we would like your child to read, but any reading over the summer will be beneficial. Reading aloud is an important skill that can also help your child gain confidence and accuracy with his/her vocabulary. As students gain increasing mastery of this skill, they may prefer to read silently for the sake of speed, but periodic parent checks will still help them with difficult words. Please record the amount of time your child reads so they can be rewarded for their diligence.

For incoming 4th graders: **30** hours over the summer will qualify you for the **Gold Tier!**

## Incoming 4<sup>th</sup> Graders

- *Alice's Adventures in Wonderland\*\** by Lewis Carroll
- *America's Paul Revere* by Esther Forbes
- *Arabian Nights\*\** translated by Edward Lane
- *Archimedes & the Door of Science* by Jeanne Bendick
- *Black Beauty: the Autobiography of a Horse* by Anna Sewell
- *Buffalo Bill and the Pony Express* by Elenor Coerr
- *Charlie and the Chocolate Factory* by Roald Dahl
- *Courage of Sarah Noble* by Alice Dalgliesh
- *Go Free or Die, A Story about Harriet Tubman* by Jeri Ferris
- *James and the Giant Peach* by Roald Dahl
- *Little Princess* by Frances Hodgson Burnett
- *Number the Stars\** by Lois Lowry
- *Peter Pan\*\** by James Barrie
- *Pippi Longstocking\*\** and other books by Astrid Lindgren
- *Pollyanna* by Eleanor Porter

- *Trumpet of the Swan* by E.B. White
- *Save Queen of Shebah* by Louise Moeri
- *Shiloh* by Phyllis Reynolds Naylor
- *Sarah, Plain and Tall* by Patricia MacLachlan
- *Secret Garden* by Frances Hodgson Burnett
- *Wind in the Willows* by Kenneth Grahame
- *Wonderful Wizard of Oz\*\** and other books by Frank Baum
- *Year of the Black Pony* and others by Walt Morey
- *Walking the Road to Freedom (Sojourner Truth)*
- Box-Car Children and other books by Gertrude Warner (**NOT Book 1 or 83**)
- Donald Sobol, Encyclopedia Brown series - *Encyclopedia Brown, Boy Detective; Series #1*
- Little House Series by Laura Ingalls Wilder (**except Little House in the Big Woods**)
- *My Side of the Mountain*, and *On the Far Side of the Mountain* by Jean Craighead George
- *Percy Jackson and the Olympians\*\** by
- *Prydain\*\** Series by Lloyd Alexander

**Parental discretion is recommended for all books: \*mature theme, \*\* magical**

# Looking Forward

This page details what your student will learn in the coming school year, should you want to read any books or do any activities that will build familiarity with the topics.

The Scope and Sequence for the 4<sup>th</sup> grade year includes the following topics:

## History and Geography

Mountains and Mountain Ranges

Europe in the Middle Ages: Geography, History of the Christian Church, Feudalism,  
The Norman Conquest, and England

Early and Medieval African Kingdoms, and African Geography

China: Dynasties and Conquerors

The American Revolution, Causes and Provocations and the Revolution

Making a Constitutional Government: Declaration of Independence, Constitution, Levels  
and Functions of the Government, Early Presidents and Politics, Reformers, Symbols and  
Figures

## Science

The Circulatory and Respiratory Systems

Chemistry: Basic Terms and Concepts

Electricity

Geology: The Earth's Layers, Formation of Mountains, Rocks, Weathering and Erosion

Meteorology

## Math

Numbers and Number Sense

Fractions and Decimals

Money

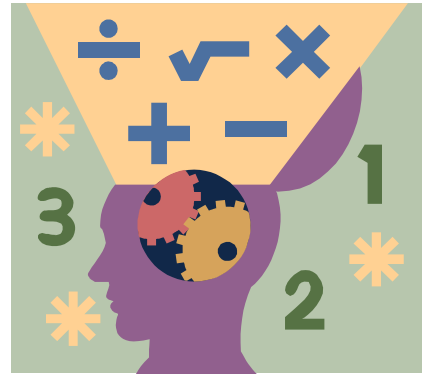
Computation

Measurement

Geometry

# How much math can you fit in your day?

Play the following game, fill in all squares and earn a special math prize! You will also receive a raffle ticket for the Grand Prize drawing. 😊



Your quest, should you choose to accept: complete **10 hours** of math work over the summer. You can chart your progress on the game board. Whatever work you do, whether it is a math workbook or print-offs from the computer, return them to school so your teacher can be amazed and wowed by your efforts to be a **Math Master!** If you finish all 10 hours, you will earn a math prize!

If you feel overwhelmed about where to start, rest easy. There are many resources.

There are **grade-level workbooks** and flashcards that can be found at Dollar Tree, Wal-Mart, School Crossing, Mardel, or Target (i.e., Summer Bridge series).

For free **worksheets** and new ideas, visit your teachers' favorite sites.

[www.math-drills.com](http://www.math-drills.com)

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

<http://www.softschools.com/math/games/>

<http://www.sheppardsoftware.com/math.htm>

[www.uen.org/3-6interactives/math.shtml](http://www.uen.org/3-6interactives/math.shtml)

[www.apples4theteacher.com/change-game.html](http://www.apples4theteacher.com/change-game.html)

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

[www.readworks.org](http://www.readworks.org) and [www.education.com](http://www.education.com)

[www.kidport.com/grade3/math/mathindex.htm](http://www.kidport.com/grade3/math/mathindex.htm)

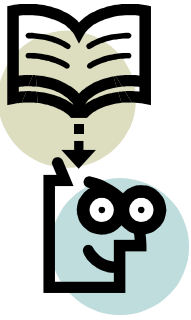
[www.tlsbooks.com](http://www.tlsbooks.com)

[www.hubbardscupboard.org](http://www.hubbardscupboard.org)

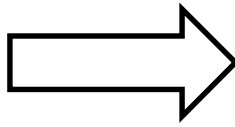
[www.readingrockets.com](http://www.readingrockets.com)

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

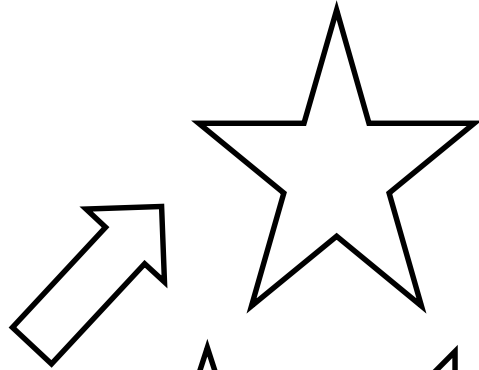
Some websites with a fee that work well with our curriculum include: <http://www.aleks.com/>



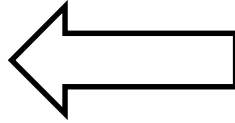
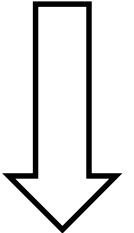
Start here! →



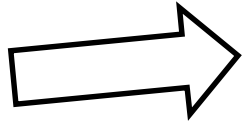
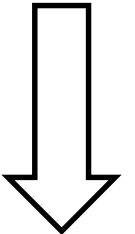
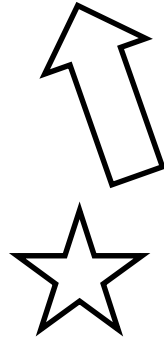
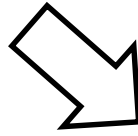
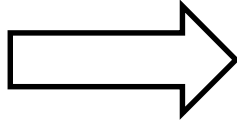
Each full arrow or symbol represents one hour of reading.



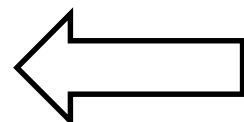
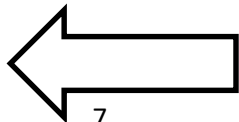
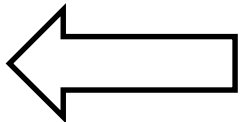
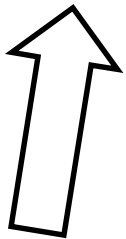
CONGRATULATIONS!  
You have earned Gold Tier! You ARE #1!



WOW! You have earned Silver Tier! 😊



2024 - 2025  
Name \_\_\_\_\_  
Teacher \_\_\_\_\_



You have earned Bronze Tier! 😊



Each shape is worth 30 minutes of math work, equaling a total of 10 fun-filled hours!

Start

1 Hour

2 Hours

3 Hours

4 Hours

5 Hours

6 Hours

7 Hours

8 Hours

9 Hours

10 Hours

**MATH**

**GENIUS**

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ETRANK GENIUS