

**GARRISON FOREST
LOWER SCHOOL
SUMMER 2021**



Summer Pathways

**Continued growth through
continued learning**



GARRISON FOREST LOWER SCHOOL SUMMER 2021

THE 2021 GFS LOWER SCHOOL SUMMER READING AND MATH REVIEW

Dear Families,

I am immensely proud of our teachers and students for their serious approach and dedication to our return to campus this year. They have worked hard to meet the needs of our on-campus and remote learning students. Based on the feedback I've received from the teachers in the Lower School, our girls still love to learn, they love to be together and have continued to do so at a meaningful pace. That said, we know that no classroom is a monolith, and we know that we all learn differently. We are committed to ensuring that all students are well prepared for the upcoming school year. Toward that end, we compiled a supplemental reading and math skills review that will boost the readiness and/or enrich the learning experience for all of our students.

We ask that you give your daughters a break before beginning any summer reading and math review. This year the combination of online and on-campus learning experiences demanded a very different level of energy, stamina, and focus. This experience gave way to fatigue and weariness. Your daughters need time away from their devices and time to play, relax and enjoy the summer.

The summer reading assignments are required. The summer reading lists are contained inside and your daughters will be required to read the listed books for her grade level. For math, we have put together a "menu" of options from which you can choose. Your daughter will be receiving a Math Review book called Summer Math Skills Sharpener. She will receive the grade level that she currently completed (for example, if your daughter just completed 3rd grade, she will receive the grade 3 review book). There are adaptive options (DreamBox Math), fact review options, games, puzzles, and much more. We highly recommend working in the Summer Math Skills Sharpener four days per week (no longer than 20 min). We also recommend doing BedTime Math and/or other math activities that require your daughter to stretch her math mind, problem-solving, and thinking skills.

Please contact me if you have any questions, and we hope you have a safe and enjoyable summer!

Warmly,
Gail Hutton

GARRISON FOREST SCHOOL

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2021 SUMMER MATH REVIEW

GARRISON FOREST SCHOOL LOWER SCHOOL SUMMER MATH 2021

FOR SUMMER MATH, WE ARE ASKING STUDENTS TO ENJOY A VARIETY OF OPTIONS.

[SUMMER SKILLS SHARPENER](#) ALLOWS STUDENTS TO REVIEW AND STRENGTHEN THEIR MATH SKILLS OVER THE SUMMER IN A WORKBOOK FORMAT. STUDENTS ARE RECOMMENDED TO USE THE BOOK 3-4 TIMES A WEEK FOR ABOUT 20 MINUTES A DAY OVER A 10 WEEK PERIOD. THE BOOKS CONTAIN TUTORIAL PAGES AND RESOURCES TO HELP THE STUDENTS AND PARENTS AS THEY WORK THROUGH VARIOUS PROBLEMS. WE WILL PROVIDE THE BOOKS FOR THE STUDENTS.

BEDTIME MATH, WHICH IS A DAILY SERIES OF FUN MATH STORIES AND PROBLEM-SOLVING QUESTIONS. EACH DAY, THE READER IS GIVEN A STORY AND THEN A RANGE OF DIFFERENTIATED QUESTIONS. [HERE](#) IS MORE INFORMATION ABOUT THE BENEFITS OF BEDTIME MATH. YOU MAY PURCHASE THE THREE BOOKS ONLINE ([HERE](#)) OR DOWNLOAD THE FREE APP AND RECEIVE THE MATH PROBLEMS ON YOUR PHONE. BEFORE YOUR DAUGHTER COMES BACK TO SCHOOL, SHE SHOULD WRITE HER OWN BEDTIME MATH STORY AND QUESTIONS TO SHARE WITH HER CLASS.

DREAMBOX IS AN ONLINE SOFTWARE PROVIDER THAT FOCUSES ON IMPROVING MATH PROBLEM SOLVING AND CRITICAL THINKING SKILLS AND DEVELOPING NUMBER SENSE. STUDENTS WILL LOGIN IN BY CLICKING THEIR PREVIOUS GRADE LEVEL. UPCOMING KINDERGARTEN AND 1ST-GRADE STUDENTS WILL NOT HAVE ACCESS TO DREAMBOX UNTIL THE FALL.

ADDITIONAL ENRICHMENT RESOURCES:

[YOU CUBED \(JO BOALER\)](#)

[ENRICHMENT UNITS \(MULTIPLE LEVELS\)](#)

[EXTENSION UNITS \(MULTIPLE LEVELS\)](#)

[MATH PERPLEXERS](#)

[REFLEX MATH \(ONLINE FLUENCY PRACTICE\)](#)

[LOGIC LINKS](#)

WE HOPE YOU HAVE A FUN, MATH-FILLED SUMMER!

2021 SUMMER READING LIST

GARRISON FOREST SCHOOL LOWER SCHOOL REQUIRED SUMMER READING 2021

THE FOLLOWING BOOKS ARE REQUIRED BY THE CLASSROOM TEACHERS IN EACH GRADE. IT IS VERY IMPORTANT THAT YOUR DAUGHTER READ BOTH SELECTIONS AS THERE WILL BE CLASSROOM DISCUSSIONS ABOUT THEM IN SEPTEMBER. ADDITIONALLY, STUDENTS IN GRADES ONE THROUGH FIVE SHOULD READ THREE ADDITIONAL BOOKS, WHICH CAN BE FROM THE LIST ON THE FOLLOWING PAGE.

KINDERGARTEN

SWIMMY BY LEO LIONNI

A CAMPING SPREE WITH MR. MAGEE BY CHRIS VAN DUSEN

FIRST GRADE

HOME FOR DIXIE: THE TRUE STORY OF A RESCUED PUPPY BY EMMA JACKSON

INTERSTELLAR CINDERELLA BY DEBORAH UNDERWOOD

SECOND GRADE

AKIAK: A TALE FROM THE IDITAROD BY ROBERT J. BLAKE

JADA JONES ROCKSTAR BY KELLY STARLING LYONS

THIRD GRADE

CHARLOTTE'S WEB BY E.B. WHITE

SONIA SOTOMAYOR : A JUDGE GROWS IN THE BRONX BY JONAH WINTER

FOURTH GRADE

THE LEMONADE WAR BY JACQUELINE DAVIES

FRONT DESK BY KELLY YANG

FIFTH GRADE

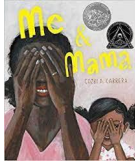
THIS JOURNAL BELONGS TO RATCHET BY NANCY CAVANAUGH

SOLVING FOR M BY JENNIFER SWENDER

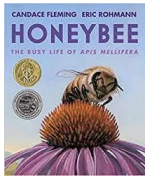


2021 Garrison Forest School
Supplemental Book List (recommended, not required)

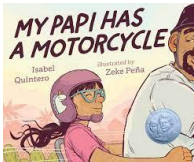
Kindergarten



Me and Mama by Cozbi A. Cabrera (2021 Caldecott Honor Book)



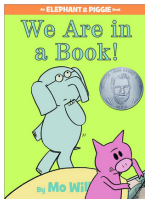
Honeybee (The Busy Life of Apis Mellifera) by Candace Fleming and Eric Rohmann (2021 Sibert Medal Winner)



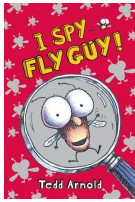
My Papi Has A Motorcycle by Isabel Quintero and Zeke Peña (Pura Belpré Honor Book)



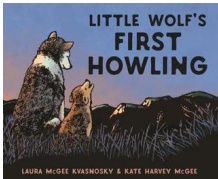
Rain by Linda Ashman and Christian Robinson (Ezra Keats Book Award)



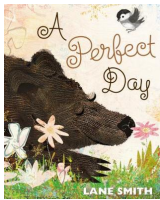
We Are in a Book! by Mo Willems



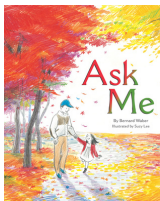
I Spy Fly Guy by Tedd Arnold



Little Wolf's First Howling by Laura McGee Kvasnosky

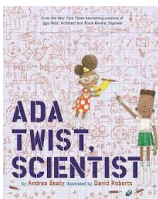


A Perfect Day by Lane Smith

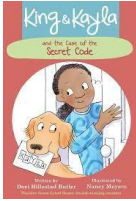


Ask Me by Bernard Waber and Suzy Lee

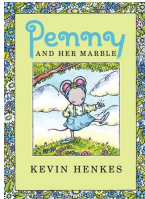
First Grade



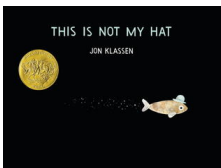
Ada Twist Scientist by Andrea Beaty and David Roberts



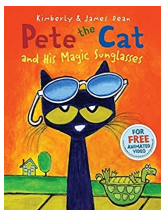
King and Kayla and the Case of the Secret Code by Dori Hillestad Butler and Nancy Meyers



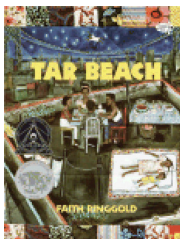
Penny and Her Marble by Kevin Henkes



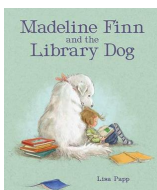
This Is Not My Hat by Jon Klassen



Pet the Cat and His Magic Sunglasses by James Dean and Kimberly Dean



Tar Beach by Faith Ringgold

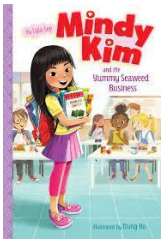


Madeline Finn and the Library Dog by Lisa Papp

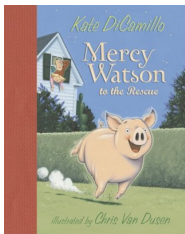
Second Grade



Craftily Ever After by Martha Maker



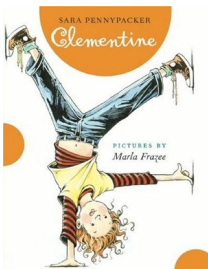
Mindy Kim and the Yummy Seaweed Business by Lyla Lee



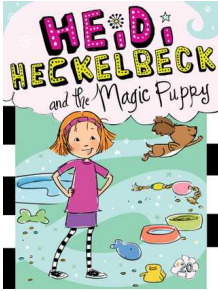
Mercy Watson to the Rescue by Kate DiCamillo and Chris Van Dusen



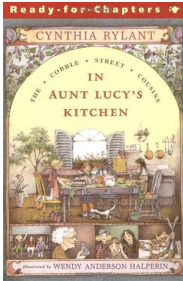
Mapping My Day by Julie Dillemath PhD and Laura Wood



Clementine by Sara Pennypacker and Marla Frazee

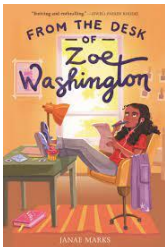


Heidi Heckelbeck and the Magic Puppy by Wanda Coven

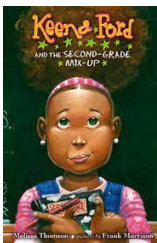


In Aunt Lucy's Kitchen by Cynthia Rylant and Wendy Anderson Halperin

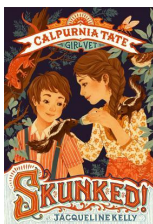
Third Grade



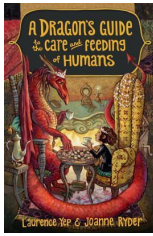
From the Desk of Zoe Washington by Janae Marks



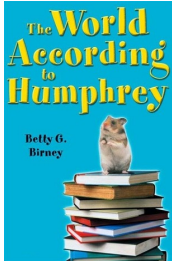
Keena Ford (Series) by Melissa Thomson and Frank Morrison



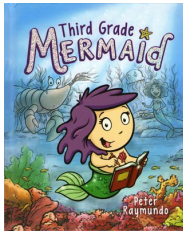
Skenked!: Calpurnia Tate, Girl Vet by Jacqueline Kelly



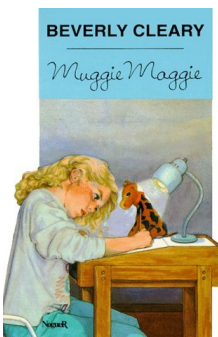
A Dragon's Guide to the Care and Feeding of Humans by Laurence Yep, Joanne Ryder, et al.



The World According to Humphrey by Betty G. Birney

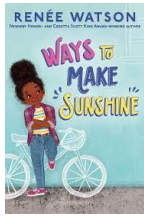


Third Grade Mermaid by Peter Raymundo

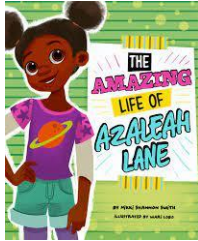


Muggie Maggie by Beverly Cleary

Fourth Grade



Ways to Make Sunshine by Renee Watson



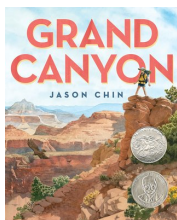
The Amazing Life of Asaleah Lane by Nikki Shannon Smith



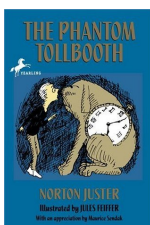
Like Magic by Elaine Vickers and Sara Not



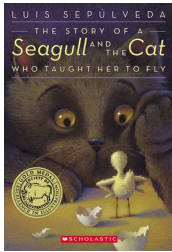
I Survived by Lauren Tarshis



Grand Canyon by Jason Chin

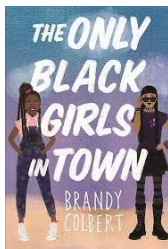


The Phantom Tollbooth by Norton Juster

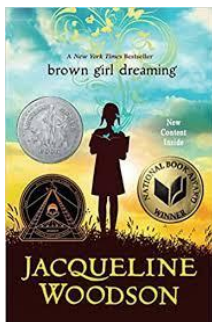


The Story of a Seagull and the Cat Who Taught Her to Fly by L. Sepulveda

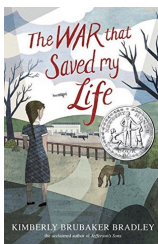
Fifth Grade



The Only Black Girls in Town by Brandy Colbert



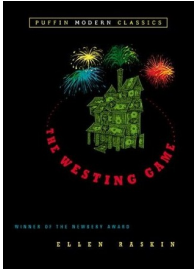
Brown Girl Dreaming by Jacqueline Woodson (2014 National Book Award for Young People's Literature, the 2015 Coretta Scott King Book Award and was named a 2015 Newbery Honor Book)



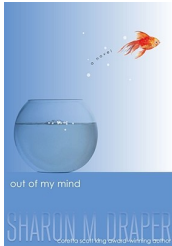
The War That Saved My Life by Kimberly Brubaker Bradley



Everything for a Dog by Ann M. Martin



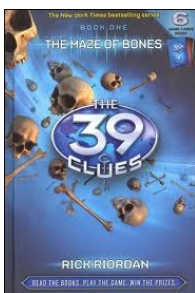
The Westing Game by Ellen Raskin



Out of My Mind by Sharon M. Draper



Wonder by R. J. Palacio



The 39 Clues by Rick Riordan

Are You Ready for Summer?

Helpful Hints and More!



Pack Your GFS Beach Bag!

The summer months usher in days of leisure and relaxation. Your daughters have the opportunity to launch into new adventures, explore new areas of interest, discover new passions, and enjoy some unstructured time! I have a beach bag full of ideas backed by research to help you make the most of the upcoming months. I invite you to keep in touch with me over the break, sending me pictures

and stories of your summer fun. You will hear from me too, and I look forward to seeing everyone at the end of August!

Where To Start!

Here are just a few ideas to get you started. Please feel free to share other resources with me! (Blue/purple typeface is a web-link).

1

CAMP WONDEROPOLIS (flex your wonder!)

Camp Wonderopolis is the free online summer-learning destination that's full of fun, interactive STEM and literacy-building topics boosted by Maker experiments! Explore music, construction, engineering, outdoor fun, technology workshop or science camps! This resource is outstanding and offers so many wonderful options.

2

ALSC

The Association for Library Service to Children

2021 Summer Reading Lists Each list (divided by grade) is available to download.

3

GLOBAL AWARENESS

Read about your world. [Newsela](#) builds nonfiction literacy and awareness of global events by providing access to articles (that you can filter by grade). Other recommendations include [children's magazines](#) offered by Cricket Media, National Geographic, and other publishers.



VORACIOUS READING!

Research has long documented the reality of "summer learning loss"- a decline in reading and other academic skills over the summer. Reading over the summer months helps mitigate the impact of summer slide. Summer reading opportunities are abundant. [Here are some ideas to explore](#)—there is ample variety to excite even the most reluctant summer reader!

4

THE IVY BOOKSHOP

Summer reading books for children of all ages!

5

GIRLS' LEADERSHIP: GIRL AND GROWN-UP BOOKCLUB :

Your girl needs you. To develop confidence and resilience, she requires a good role model. That's you. Research shows that parents and guardians are the number one influencer of girls' leadership ambitions. You are the one giving her the scripts, permission, and authority to speak up and be true to herself.

6

A UNIVERSE OF PODCASTS :

Collaborating with this summer's reading theme, "A Universe of Stories", and celebrating the 50th anniversary of the July 1969 Apollo Moon landing, the ALA invites you to consider adding a listening guide that explores the theme and anniversary through podcasts.

OUTDOOR FUN!

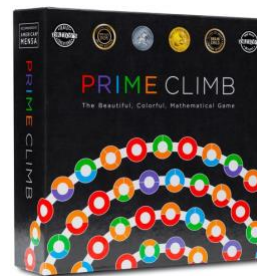
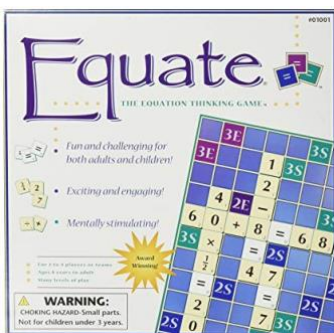
HERE ARE IDEAS for books and activities to enjoy the outdoors and learn about our natural world.

Here are a few more suggestions!

Check out the **Summer Blog on Reading Rockets!**

There are SO many wonderful ideas and suggestions to help inspire young and adult readers!

THE MAGIC OF MATH: Even more games are listed below!



ARTICLES, WEBSITES AND RESOURCES!

Please take some time to read these articles about girls and math!!

- [Girls and Math](#)
- [“ Math-Gender Stereotypes in Elementary School Children”](#) (warning: this is a long research article, but interesting and informative)
- [Make Your Daughter Practice Math, She'll Thank you Later](#)

2. [DreamBox Learning](#):

2. [Bedtime Math](#)

- Summer of Numbers Olympics!!!: Starts June 15
 - Bedtime Math posts a new math problem everyday on the website and on the free app.

3. [YouCubed](#): Please check out this website for thoughtful and challenging math problems and other resources for summer practice! (Click on the Tasks and More Link).

4. TableTalk Math: Please [click here](#) for a long list of other math resources!

5. Board games I can suggest. All are available through Amazon.

- Prime Climb (3rd grade and up)
- Proof (3rd grade and up)
- Sum Swamp
- Pizza Fraction Fun Game
- Head Full of Numbers
- Sumoku
- Tiny Polka Dot
- Sequence Numbers
- Equate
- Math Dice
- Ubongo (great for spatial reasoning)