

Chargers are Curious, Capable, Confident and Caring

Dear Rising 2nd Graders,
Welcome to Second Grade! We cannot wait to meet you in September! We look forward to working closely with you to provide the best possible experience next year!

We created a menu of fun and engaging activities for you to do over the summer. Because we had such an unusual spring, it is important to review and practice math, read everyday, and engage in some independent projects that encourage you to pursue some passions and find answers to some wonders.

Notes and Resources from Second Grade Teachers:

Cultivating Curiosity- Genius Hour

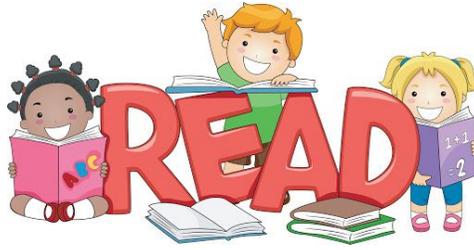
An important part of learning is being curious. What questions do you have about the world, science, history, people, etc.? Summertime is a fantastic time to find answers to your questions! You can [watch this video](#) to get inspired for a project. We challenge you to learn about something you are interested in this summer! Be ready to share your learning in the fall.

Step 1- Choose a topic to study and gather supplies: [Supplies Scavenger Hunt](#)

Step 2- Research your topic! This includes- watching videos, reading books, researching the internet, or interviewing people and experts. You can use the internet, EPIC, or the [NYPL](#) to gather books on your high interest topic. To document information and take notes, you can make a journal with plain paper and a stapler, reuse an old notebook you have at home, or create a google doc folder for your research.

Step 3- Make a Design- It's time to present what you learned! Figure out a fun way to show what you learned. You can...

- write a book
- make a poster
- make a brochure
- make a game or quiz
- create a slideshow
- the possibilities are endless!



Reading is so important for your success, as well as in life outside and beyond it. Set a goal for yourself and make a plan to reach it! If you're traveling, pack along a few books. If you're home, build in a consistent time to do some reading. You should read every day for at least 20 minutes!

Talk with your child about their reading. Ask about the book in general. Then, probe more deeply, asking about characters, themes, or author's craft. Some questions to ask:

Fiction

- Tell me about the main character(s) in this book. What do you like about the character and what don't you like?
- What is the problem in the story?
- What is the solution?
- What are you wondering about?

Nonfiction

- What features do you notice in non-fiction text?
- Based on the heading, what do you think this section will be about?
- What information do you get from the visuals?

Here is one way to take notes about what you are learning from a non-fiction book or topic.

What I think I know about this topic	<i>What I want to know</i> about this topic	<i>What I learned</i> about this topic

[Lalilo](#)

You have been signed up for a Lalilo account. You can access this resource through Lalilo. Our school code is DHMEUK. You will start by taking a placement test. Then you should work on Lalilo at least 60 minutes a week.

Reading Resources:

[Basia's PS 276 Library Summer Reading List](#)

[NYPL Reading Resources K-2](#)

Don't have a library card [click here](#).

[Barnes and Noble summer reading program](#)

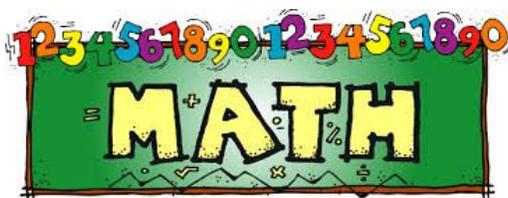
[Summer reading journal](#). Read 8 books, complete the journal, bring the journal to your local Barnes and Noble and get a free book!

[Day By DayNY](#): a family literacy calendar from the NYS Public Library that has daily read alouds, poetry, activities and videos.



This summer, we are reprising our [summer storytelling contest](#). Write a story -- fiction or non-fiction -- and submit it to our contest. Hey, your drafts could even be turned into a story.

If storytelling isn't your thing, keep a daily journal of your summer activities or keep researching nonfiction topics and start another Genius Hour project!



To be well set up for finishing grade 1 and entering grade 2, students should be able to...

- Solve addition and subtraction expressions and word problems within 20** (1.OA.1)
 - Students can create story problems for +/- within 20 with unknowns in all positions. Post to your online classroom for classmates to solve (refer to [this chart](#) for problem types and important note on gr 1 mastery expectations).
- Apply properties of operations to +/- (the commutative and associative properties - e.g. $3 + 8 = 8 + 3$ and $8 + 3 = 10 + 1$) and the relationship between addition and subtraction** (1.OA.3-4)
- Fluently add and subtract within 10** (1.OA.6)
- Count to 120 and be able to count on from a number up to 120 ex. Start and 72 and count up.** (1.NBT.1)
- Add and subtract within 100** (1.NBT.4-6)
 - [This activity from Illustrative Math](#) might be especially fun for online learning.

[Zearn math lessons](#). - Your first grade teachers sent the login information in late June. You should work to complete the two units assigned. You should spend about 60 minutes a week on this website.

Additional Math Resources

- Students still have access to their [Dreambox](#) account
- <https://www.mathgames.com/grades/>

Here are some additional resources for pursuing curiosity.

[The Ology Challenge](#) with the AMNH.

[The New Victory](#) offers fun, free, programming each week. Past weeks have included clowning, songwriting, juggling, magic, and puppetry. These different programs are open-ended and challenge students to learn about how they learn, about their strengths and areas of interest, and storytelling.

[The Museum of Math](#) has math classes for kids (for example, origami and the math behind origami, and Rubik's cubes.) There is often a registration fee for these programs. If you scroll down on their page, upcoming events are listed.

[What Now?](#) is a science video series on youtube with Lynne Brunelle, writer for Bill Nye the Science Guy.

[Wonderopolis](#) is a website dedicated to curiosity. I could absolutely go down a rabbit hole after the information on this website! Spend some time browsing, pick up some trivia, discover new information, think of some questions you hadn't thought before.

Art:

Keep a sketchbook!

The best way to get better at drawing is to draw! Doodle everyday or take on a drawing prompt once a week, either way practicing in the summer will be sure to help you grow as an artist!

Drawing prompts to wake up your creativity:

[100 Silly Drawing Prompts](#)

[Finish the Picture Prompts](#)

[2500 Drawing Ideas](#)

Virtually connect with our amazing art museums

[Mondays with MoMA](#) art activities based on their collections (all grades)

[Guggenheim](#) Virtual Guided Tour (all grades)

[Rubin Museum](#) virtual tours and activities based on their collections (upper elementary and up)

[Whitney Museum](#) art activities based on their collections (upper elementary and up)

[Metropolitan Museum of Art](#) art lessons based on their collections (all grades)

[Brooklyn Museum](#) art lessons based on their collections (upper elementary and up)

Music:

[Carnegie Hall's Link Up Program](#) offers tons of free activities introducing students in grades 3-5 to the orchestra.

[SFS Kids Fun and Games with Music](#): The San Francisco Symphony's website which introduces students to instruments.

[Chrome Music Lab - Song Maker](#): Experiment with composing music!

[Code Breaker Worksheet](#): Practice note naming and crack the codes!

Music Lab: <https://musiclab.chromeexperiments.com/>

Song Maker: <https://musiclab.chromeexperiments.com/Song-Maker>

Incredibox: <https://www.incredibox.com/>

Patatap: <https://patatap.com/>

Composer: <https://danielx.net/composer/>

Physical Education:

Here are a variety of ways you can continue to stay active during the summer. Many of these activities were used in our activity menus for both lower and middle school during remote learning so our students should already be familiar with them- please click on the links within this document for activities within your child's age group.

<https://docs.google.com/document/d/1C-yZWYkaKX0wqNcZNkzzSAaSkO8E2DFOi7LW3pUJIUY/edit?usp=sharing>

Science for PreK-3rd Grade: [Summer Science Activities for Families](#)

I hope that these activities give you and your child some ideas for how to continue learning science throughout the summer. Open exploration and play are ways that children learn about how the natural world works. I offer these ideas and resources as jumping off points, feel free to go beyond them or choose a different direction for your nature exploration.

Nature Journals and Scavenger Hunts

[PreK & K printable template](#)

[K, 1, 2, 3 printable template](#)

[Make any notebook into a nature journal](#) and [Keeping a Field Journal](#)

What to explore

Trees [Leaf Rubbings and Stamps](#), [Tree Seeds](#), [How to Identify NYC street trees](#)

Animals [Animal Classification](#), [To Touch or Not Touch](#)

Gardening [Pollinator Garden](#), [Popcorn Grass Garden](#), [4 Delicious Salsas](#), [Regrow Garden Inside](#)

Weather [Make Your Own Weather Station](#)

AMNH's [Ology Drawing Challenge](#)

New York City Plants and Wildlife Guides

[New York City Tree Guide](#)

[Field Guide to the Natural World of NYC](#)

How to turn any walk into a nature walk

[Walking your Neighborhood](#)

[Benefits of Playing in Nature](#)

[The Art of Nature Journaling with kids](#)

Podcasts for Long Car Trips or Any time!

[Tumble Science Podcast for Kids](#)

[Wow in the World!](#)

[Radiolab for Kids](#)



To access Brainfuse, New York State residents must sign up for a free library card in one of the three library systems. See below for information about how school communities in all five boroughs can obtain library cards at any of the three public library systems:

- Brooklyn Public Library: To obtain a Brooklyn Public Library eCard, fill out this [form](#). Families and students may [access Brainfuse](#) using their Brooklyn Public Library eCard.
- New York Public Library: To obtain a New York Public Library eCard, download and use the SimplyE app. Please note that this app has been uploaded to all iPads issued by the DOE. For instructions on how to apply using the SimplyE app, please visit [NYPL.org](#). Families and students may [access Brainfuse](#) using their New York Public Library eCard.

- Queens Public Library: To obtain a Queen Public Library eCard, fill out this [form](#). Families and students may [access Brainfuse](#) using their Queens Public Library eCard.
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