



**PS|PK & Kindergarten**

<b>Bible</b>	
<p><u>PS PK</u></p> <ul style="list-style-type: none"> <li>● Jesus Story-Book Bible, bedtime reading</li> <li>● Family Prayer Time               <ul style="list-style-type: none"> <li>○ Morning</li> <li>○ Bedtime</li> <li>○ Meals</li> </ul> </li> <li>● <a href="#">Children's Worship Songs</a></li> </ul>	<p><u>Kindergarten</u></p> <ul style="list-style-type: none"> <li>● Jesus Story-Book Bible, bedtime reading</li> <li>● Good video series: <a href="#">Heroes and Legends, Torchlighter Series</a></li> <li>● Make prayer and talking to God a regular practice</li> <li>● Visit: <a href="#">Museum of the Bible</a></li> <li>● Discover the modern names and cultures of places mentioned in the Bible.</li> <li>● <a href="#">Practice memorizing verses</a></li> <li>● <a href="#">Clubhouse Junior magazine</a></li> </ul>
<b>Math</b>	
<ul style="list-style-type: none"> <li>● Resource websites:               <ul style="list-style-type: none"> <li>○ <a href="#">AbcMouse.com</a></li> <li>○ <a href="#">PBS.org</a></li> <li>○ <a href="#">Abcya.com</a></li> <li>○ <a href="#">Education.com</a></li> <li>○ <a href="#">Mathgames.com</a></li> <li>○ <a href="#">Starfall.com</a></li> </ul> </li> <li>● Review:               <ul style="list-style-type: none"> <li>○ Counting to 30                   <ul style="list-style-type: none"> <li>■ Use a home calendar</li> </ul> </li> </ul> </li> <li>● Number names and identification 1-10</li> <li>● Positional words</li> <li>● Shapes</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">BrainPOP</a></li> <li>● <a href="#">Education.com</a></li> <li>● Review:               <ul style="list-style-type: none"> <li>○ Time and money in real life situations                   <ul style="list-style-type: none"> <li>■ <i>Have them count money to buy treats</i></li> </ul> </li> <li>○ Number concepts</li> <li>○ Addition and subtraction                   <ul style="list-style-type: none"> <li>■ <i>Practice addition and subtraction facts</i></li> </ul> </li> <li>○ Problem solving during play, outings, and math practice</li> </ul> </li> </ul>

### Reading/Writing

- See online resources listed above
- Take trips to the library!
- Review [environmental print](#), such as [store signs](#), stop signs, [store items](#)
- Read a book at bedtime, talk about the story, and ask questions
- Review letter formations and sounds
- Practice writing their name, drawing pictures, coloring
- Listen to [Down by the Bay \(Rhyming Song\)](#) & other [Nursery Rhyming Songs](#)

- Make frequent trips to the library!
  - This exposes kids to various forms of literature and creates a love for reading.
- Practice writing summaries of favorite or chosen books.
- Read to your child daily, and encourage them to read various forms of print.
- Review:
  - Capitalization, Sentence Structure
  - Sight words - search for them in environmental print
- Encourage children to retell stories, to read in real life, and to share in detail and in complete sentences
- Good resources
  - [Highlights magazines](#)
  - [Brain Quest](#)
  - [Focus on the Family](#)

### Science/History

- Go on walks to enjoy outside nature
- Have a picnic at the park
- Observe and talk about the weather
- Take a trip to the zoo or aquarium
- Reread [scholastic magazines](#) that were sent home during the year.

- Visit zoos, state parks, museums, Statue of Liberty, Governor's Island, etc.
- Read fun history books
- Learn about presidents, monuments, and states



### 1st & 2nd

As a resource for all subjects, excluding Bible, consider purchasing the BrainQuest workbook!. Students will also be introduced to content for next year.

For 1st Grade/Rising 2nd graders: [Brain Quest Workbook, Grade 2: Liane Onish, Jill Swan: 8601420218659](#)

For 2nd Grade/Rising 3rd graders: [Brain Quest Workbook: Grade 3: Meyer, Janet A.: 0019628149169](#)

#### Bible

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| <ul style="list-style-type: none"> <li>● Read through the Gospels: Matthew, Mark, Luke, and John           <ul style="list-style-type: none"> <li>○ While reading, discuss the life of Jesus</li> </ul> </li> <li>● Other Bible stories to read and discuss           <ul style="list-style-type: none"> <li>○ Noah's Ark, The Ten Commandments, Jonah and the Whale, Daniel and the Lion's Den</li> </ul> </li> <li>● Listen to <a href="#">Adventures in Odyssey</a></li> <li>● Songs:           <ul style="list-style-type: none"> <li>○ <a href="#">66 Books In The Bible</a></li> <li>○ <a href="#">The Perfect Ten by Kathie Hill</a></li> <li>○ <a href="#">Great Is Thy Faithfulness - Chris Rice</a></li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>● Read through the Psalms together outloud! While reading, discuss how the author is praising God or praying to God.</li> <li>● Read through the Gospels - Matthew, Mark, Luke, and John</li> <li>● Listen to hymns: <a href="#">Great is Thy Faithfulness</a>, <a href="#">Lord I Lift your Name on High</a>, or <a href="#">Amazing Grace</a> <ul style="list-style-type: none"> <li>○ Discuss what these songs teach us about God's character</li> </ul> </li> <li>● Practice the books of the Bible - <a href="#">66 Books In The Bible</a></li> <li>● Learn the 10 Commandments - <a href="#">The Perfect Ten by Kathie Hill</a></li> </ul> |
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#### Math

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| <ul style="list-style-type: none"> <li>● Counting to 100</li> <li>● Skip counting by 2's, 5's, and 10's</li> <li>● Review adding and subtracting single digit numbers</li> <li>● Review adding and subtracting two digit numbers (with and without regrouping)</li> <li>● Visit the <a href="#">Museum of Mathematics</a></li> <li>● Helpful website: <a href="https://www.khanacademy.org/">https://www.khanacademy.org/</a></li> </ul> | <ul style="list-style-type: none"> <li>● Review adding and subtracting numbers up to the hundreds (this includes single and double digit numbers with regrouping)</li> <li>● Begin practicing multiplication facts (0 - 5s)</li> <li>● Skip counting by 2s, 5s, 10s, 20s</li> <li>● <a href="https://www.khanacademy.org/">https://www.khanacademy.org/</a></li> </ul> |
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#### Reading/Writing

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|---|--|
| <ul style="list-style-type: none"> <li>● Frequent trips to the library</li> <li>● Read to your child and ask them questions about the book:           <ul style="list-style-type: none"> <li>○ Who are the characters?</li> <li>○ Where does the story take place?</li> </ul> </li> <li>● Listen to <a href="#">Adventures in Odyssey</a></li> <li>● Read a book and write a summary of it:           <ul style="list-style-type: none"> <li>○ What happened in the beginning, middle, and end?</li> </ul> </li> <li>● Websites: <a href="https://www.abcmouse.com/abc/">https://www.abcmouse.com/abc/</a> &amp; <a href="https://jr.brainpop.com/">https://jr.brainpop.com/</a></li> </ul> | <ul style="list-style-type: none"> <li>● Take frequent trips to the library</li> <li>● Read chapter books out loud to your child</li> <li>● Encourage your child to read chapter books and informational texts</li> <li>● Ask questions about the books you or they are reading           <ul style="list-style-type: none"> <li>○ Have your child retell the characters and main events of the story.</li> <li>○ Practice sequence of event (beginning, middle, and end)</li> <li>○ Have them write summaries about the stories. What is their favorite part and why?</li> <li>○ <a href="https://www.abcmouse.com/abc/">https://www.abcmouse.com/abc/</a></li> </ul> </li> </ul> |
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## Science/History

- Review 5 Senses
- Parts of a plant
- Community Helpers:
  - What's their purpose?
  - How do they help our community?
- Take a trip and show them Historical sites!
- Visit the Library
- Visit the zoo
- Visit [Liberty Science Center](#)
- Helpful website: <https://jr.brainpop.com/>

- Review parts of plants, read books about different types of plants.
- Review the levels of governments and the role of the leaders
- Take trips to the zoo
- Travel to historical sites (We learned about 9/11, you could visit the museum!)
- Research the first colonies of the US. Dive deeper into why the Pilgrims and Puritans came to North America and their religious beliefs.
- Visit [Liberty Science Center](#)
- Helpful website: <https://jr.brainpop.com/>

## Art/Music/Gym

### Art

- Museum exhibitions for children:
  - The Brooklyn Children's museum
  - The Jim Henson Exhibition - creator of Kermit the Frog
  - A year with Children Exhibit at the Guggenheim
  - [Spring, Forward! Museum Exhibits to See with Kids Now](#)
- Summer art crafts for kids:
  - [30 Easy Must-Make Summer Crafts for Kids](#)
  - [35 Cute Summer Crafts for Kids](#)
- [Crafts – Little Shop of Plaster and Pottery](#)
- [Welcome to our Children's Art Studio in NYC!](#)
- [50+ Adorable Kids Snack Ideas | Creative Food Art Lunches](#)

### Music

- Listen to a classical song and create a picture:
  - That tells a story
- Explore outside and let the sounds of nature inspire you as you create art!
- [Chopin - Nocturne op.9 No.2](#)
- [Instrument Lessons for Children at 92Y](#)
- [Tone Academy of Music](#)

### Supplemental Books for Art and Music!

- [Paper Crafts for Kids: 25 Cut-Out Activities for Kids Ages 4-8](#)
- [Discovering Great Artists: Hands-On Art Experiences in the Styles of Great Masters \(10\) \(Bright Ideas for Learning\)](#)

### Gym

- [Self Defense Classes for Kids | Martial Arts | Krav Maga Institute NYC](#)
- [Achieve Martial Arts | Martial Arts | Scarsdale](#)
- Visit your neighborhood playground
- Sign up for a swimming class
  - [YMCA Greenpoint](#)
  - [YMCA North](#)
- Go on a walk around Central Park
- [9 Min Exercise for Kids](#)
- Sports Programs:
  - [MMCC Programs](#)



### 3rd & 4th

#### Bible

- Random acts of kindness (RAK) - doing something kind for someone, making gifts, or taking initiative with chores at home
- Worship songs, dance along with the music (i.e. Bethel Kids worship)
- Retreats/Family Camps (i.e. [Spruce Lake](#), [Sandy Cove](#), [Word of Life](#))
- [SEL Activities: Centervention](#)
- Read & reflect on the book of Proverbs
- Read & reflect on the book of 1 Samuel: The Story of David's Life & Leadership

*After reading through Acts, we're going to read through Paul's letters to the Thessalonians!*

- Read one chapter of 1 and 2 Thessalonians each week, a total of 8 chapters
- Watch the following clips before reading through the books [1 Thessalonians](#) & [2 Thessalonians](#)
- Attend Vacation Bible School this summer, and engage your student with Bible verses, community, crafts, and snacks. (Available at your local church!)
- Start a prayer journal, and update your requests on a weekly basis. What are you thankful for? Have your prayers been answered? Update them as a family, too!

#### Math

- [Multiplication Flash Cards](#) - choose a variety of times tables to review; physical cards or videos; choose a variety of numbers ([www.timestables.com](#) ; [www.xtramath.com](#) ; [Khan Academy](#))
- Division Facts; related facts
- Cooking & baking
- Grocery Store Scavenger Hunt: find as many items on a created list & jot down the prices. ([Sample](#))
- Place Value, Money, Time

*Let's review fractions before we get into 5th grade!*

- We learned to recognize fractions, compare them, and add and subtract fractions. Please complete lessons 1-4 on [Khan Academy](#).
- Try a baking project this summer where you use fractions of flour, sugar, or other ingredients. Compare the fractions and see which ingredient you used the most!

## Reading/Writing

- Summer Reading Challenge: Each day of the month read a different way ([Sample 1](#), [Sample 2](#), [Sample 3](#))
- [10 Weeks of Summer Reading Adventures for You and Your Kids](#)
- [Start a Kid's Book Club](#)
- Cooking/baking: Ask child to read the ingredients
- Sign up for a Reading Program at local library
- ABC Reading: "Read a book with an author's last name that begins with the letter A, tomorrow with the letter B, the next day with the letter C, and so on." .. Could also do this with book titles
- Choose a random letter. Ask child to find items around the house that begin with that letter sound. Challenge older kids to write more words that begin with that letter.
- Learn a new word each day & use it at least 3 times.
- Camping/bonfire - read or write a story under the stars or with a flashlight with friends/family
- Scavenger hunt: Write and/or leave notes around the house leading to other notes. The final note leads to something special.
- Pick a random letter out of a bag or hat. Find who can name the most things that begin with that letter sound. Repeat with other letters.
- Choose or start a new hobby. Read/research info about that hobby.
- Pet detective: Observe an animal closely, describe the animal with as many details and adjectives as possible. You can also do this activity at a farm or the zoo.
- Create a list of words that relate to summer. Play Memory, Go Fish, or Old Maid with the words.

### The following books are recommended for students to read this summer:

- Hatchet by Gary Paulsen
- The River by Gary Paulsen (sequel to *The Hatchet*)
- *Colonial Voices: Hear Them Speak* by Kay Winters
- *The Scarlet Stockings Spy* by Trinka Hakes Noble
- Love that Dog by Sharon Creech
- George Vs George The American Revolution as seen from Both Sides
- *Gifts from the Gods: Ancient Words & Wisdom from Greek & Roman Mythology* by Lise Lunge-Larsen
- *SAS Survival Handbook: The Ultimate Guide to Survive Anywhere* by John "Lofty" Wiseman
- *Pushing Up the Sky: Native American Plays for Children* by Joseph Bruchac
- Visit the Metropolitan Museum of Art to visit *Washington Crossing the Delaware*, *Madame X* by John Singer Sargent, *Magnolias and Irises* by Louis Tiffany, and *Young Mother Sewing* by Mary Cassat (A review of art created during the Gilded Age)

## Science/History

### Science Exhibits:

- [The Franklin Institute](#)
- [New York Hall of Science](#)
- [Liberty Science Center](#)
- [American Museum of Natural History](#)
- [New York Aquarium](#)
- [The Maritime Aquarium](#)
- [Central Park Zoo](#)
- [The Phillip and Patricia Frost Museum of Science](#)

### Social Studies:

- [History for Kids](#)
- [Intrepid Museum](#)
- [Hudson River Museum](#)
- [The 9/11 Memorial & Museum](#)
- [One World Observatory](#) and General [World Trade Center](#) Sites

### Day/Weekend Trips

- Fallingwater - Mill Run, PA
  - Princeton Battlefield State Park - Princeton, NJ
  - Freedom Trail - Boston, MA
  - Philadelphia Museum of Art - Philadelphia, PA
    - Visit the Portrait of Dr. Samuel Gross
  - Bear Mountain - Highlands, NY
- 
- **Local Spots**
  - American Museum of Natural History - visit the Wild West exhibit as we studied earlier this year and don't forget to visit the Hayden Planetarium to brush up on the phases of the moon!
  - Coney Island - a place of leisure developed during the Gilded Age
  - Grand Central Terminal - a reminder of how busy our aorta is as blood cells are transferred in our heart (just like Grand Central!)
  - Museum of the City of New York - this is their city, and what a rich history we have! (free for students)

## Art/Music/Gym

### Technology:

- Typing.com or a typing website to continue typing and general computer literacy.

### Art

- Museum exhibitions for children:
  - A Year with Children at the Guggenheim
  - KUSAMA: Cosmic Nature at the NYBG
  - KAWS: What Party at the Brooklyn Museum
  - [Spring, Forward! Museum Exhibits to See with Kids Now](#)
- Summer art crafts for kids:
  - [30 Easy Must-Make Summer Crafts for Kids](#)
  - [35 Cute Summer Crafts for Kids](#)
- [Crafts – Little Shop of Plaster and Pottery](#)
- [Welcome to our Children's Art Studio in NYC!](#)
- [50+ Adorable Kids Snack Ideas | Creative Food Art Lunches](#)

### Music

- Explore outside and let the sounds of nature inspire you as you create art!
- [Chopin - Nocturne op.9 No.2](#)
- [Instrument Lessons for Children at 92Y](#)
- [Tone Academy of Music](#)
- [Incredibox](#)
- [More Music Websites/Resources](#)

### Supplemental Books for Art and Music!

- [Alfred's Essentials of Music Theory](#)
- [How to Read Music](#)
- [Help Your Kids with Music!](#)
- [A Children's Introduction to Art](#)
- [Discovering Great Artists: Hands-On Art Experiences in the Styles of Great Masters \(10\) \(Bright Ideas for Learning\)](#)

- Self Defense Classes for kids
  - [Krav Maga Institute](#)
  - [Martial Arts](#)
- Go bike riding on Governors Island
  - <https://www.govisland.com>
- Visit Riverbank Park
  - Skating Rink
  - Outdoor/Indoor Pool
  - Basketball Courts
  - One-mile Track
- Sign up for a swimming class
  - [YMCA Greenpoint](#)
  - [YMCA North](#)
- Go on a walk around Central Park
- Jog one lap at the Turtle and the Hare
  - [The Turtle & the Hare](#)
- Sports Programs:
  - [MMCC Programs](#)



## 5th & 6th

### Bible

- Finish lessons in Building on the Rock workbook
- Daily devotions at [www.studentdevos.com](http://www.studentdevos.com)
- Social/Emotional learning activities: [www.centervention.com](http://www.centervention.com)
- Memorize the rest of Proverbs 3:13-35, record yourself, and post to Google Classrooms
- Start a gratitude journal: add what you are thankful for each day, cherish the highlights
- Watch The Chosen series on [The Chosen YouTube Channel](#) about the life of Jesus and then find the stories in the Bible

- 6th grade students studied the Book of Acts this year. To explore further Paul's life, his journeys, and any unanswered questions, check out this site:
  - [BibleStudy.org](http://BibleStudy.org)
- We also studied the character of God; go deeper here with these Bible lessons by Campus Crusade for Christ:
  - [Attributes-of-God-Series](#)
- Bible Trivia (hundreds of questions by category)
  - [Bible Trivia](#)

### Math

- Finish lessons in My Math workbook
- [18 Fifth Grade Math Games for Teaching Fractions, Decimals, and More](#)
- Practice math facts at [www.timestables.com](http://www.timestables.com)
- Play math games on [www.Prodigy.com](http://www.Prodigy.com) or [www.mathplayground.com](http://www.mathplayground.com)
- Take a free math course on fractions, geometry, etc. at [www.khanacademy.org](http://www.khanacademy.org)
- Go on a treasure hunt using the Geocaching app
- Join the free virtual cooking camp [www.kidscookrealfood.com](http://www.kidscookrealfood.com)
- [3rd - 5th Grade: Math | SFUSD](#)
- <https://mrnussbaum.com/games/math-games>
- <https://mindfull.wordpress.com/tag/intermediate-math-games/>
- Play with puzzles, legos and magnatiles
- Greg Tang Math Challenges - print this game board <https://d2b7eicau8w16x.cloudfront.net/summer/SummerMathFunLevel6.pdf>  
Enter summer challenge here: <https://tangmath.com/summer>

#### Topics to focus on:

- Solidify math facts
- Memorize basic rules for fractions/decimals/percents
- Practice solving 1-2 step equations (with positive numbers) for the variable

#### Suggested Resources:

- Math facts: Xtramath.org - math facts practice, can work through all operations (+, -, x, div), 5-10min every M-F
- General: Khanacademy.org - has many topics to practice and includes videos; can do "Get ready for 7th Grade" course, or "6th Grade" course, 20 min 2-3 days a week
- Solving Equations:
  - [1 Step Equations Practice](#) and [Answers](#)
  - [2 Step Equations Practice](#) and [Answers](#)

#### Bonus:

- Link to lots of [Geometry](#) resources!

#### Advanced:

- Memorize rules for operating with signed numbers! See this document [Integer rules.docx](#) (best viewed in Microsoft Word) and [this](#) one
  - Practice [games](#)



## Reading/Writing

- Go to your local library and take the reading challenge!
- <https://storylineonline.net> - books read by celebrities
- [Free printable fifth grade reading comprehension worksheets](#)
- Check out books online at <https://archive.org/>
- Write for fun! Poems, stories, plays, commercials, songs
- Write & illustrate your own books with Jarrett Krosoczka  
<https://www.youtube.com/watch?v=p8yhH7AHty8>
- Gain Perspective: Read two different texts about an event you and your child attended (or you can each write your own personal account of it). Ask your child to compare the differences in the perspectives (points of view) they are written from.
- Read and Research: Help your child come up with a question about a topic of interest, and work together to explore a variety of sources for the answer. Use technology, books, magazines, newspapers, or poetry and fiction.
- Practice Typing: [www.typing.com](http://www.typing.com)
- Edit, Edit, Edit: You and your child can both write your own pieces, or your child can choose a short piece of writing from another source. Whatever they choose, ask your child to “revise” or “edit” the text, aiming to improve it by adding more detail and descriptions.
- Pick a New Perspective: Use a piece you or your child wrote or pick a text written by someone else, like a short story or article. Ask your child to rewrite the piece from a different perspective, like that of another character in the story or a person who witnessed the event. Talk about the differences in those perspectives.
- Scan this code once per child to gain access to a free reading resource from Worldvision.



- Story Starters for Writers -  
<http://www.scholastic.com/teachers/story-starters/index.html>
- Keep a journal of all your summer experiences
- Find a pen pal from all over the world -  
<https://www.globalpenfriends.com>

**Reading:** Read every day! Studies show that spending 30 minutes a day reading improves your vocabulary, creativity, and empathy. You can get books for free or cheap at:

- Your local library - <https://www.nypl.org/library-card>
- Online - <https://www.nypl.org/books-music-movies/ebookcentral>
- Independent bookstores
- Thrift stores

If you enjoyed reading historical fiction set during the Great Depression, try:

- *Esperanza Rising* by Pam Munoz Ryan
- *Roll of Thunder, Hear My Cry* by Mildred D. Taylor

If you liked monomyths, check out:

- *Percy Jackson and the Olympians* series by Rick Riordan
- *The Chronicles of Narnia* series by C.S. Lewis

Looking for more historical fiction about colonial Virginia?

- *Poison in the Colony: James Town 1622* by Elisa Carbone
  - (*Blood on the River* sequel!)
- *The Lost Colony of Roanoke* by Jean Fritz

### **Writing:**

Practice your **narrative writing** skills by:

- Making up a story
- Writing a true story about something that happened in your life
- Adding onto or changing a character’s story from a book you’ve read

Practice your **informational writing** skills by:

- Writing an essay about a topic you’re interested in
- Analyzing cause and effect/ setting/ plot/ etc. of a book you’ve read
- Summarizing a story

Practice your **argument writing** skills by:

- Writing an essay trying to convince a friend or family member to believe or do something
- Writing a letter to a politician about an issue you're passionate about
- Writing a book review that explains why a story is great/ terrible/ poorly written/ important/ etc.

Try these **poetry** writing activities:

[www.edutopia.org/article/every-student-can-be-poet](http://www.edutopia.org/article/every-student-can-be-poet)

**Grammar:**

<https://www.ereadingworksheets.com/languageartworksheets/free-grammar-worksheets/>

### Science/History

- Great Biblical science videos:
  - <https://answersingenesis.org/media/video/>
- Topics to discover: biomes, ecosystems, sound, light, respiratory system and circulatory system
- Visit the [Hall of Science](#) for a great day trip!
- Fun science/history activities: [5th Grade Science Activities for Kids](#)
- Fun, science lessons/activities - <https://mysteryscience.com>
- Celebrate Computer Science - <https://hourofcode.com/us>
- Online science, math, and ELA K-8 activities - <https://platform.breakoutedu.com/category/math>
- Live Animals! - [Live cams | Monterey Bay Aquarium](#)
- Science Mom videos <https://www.facebook.com/TheScienceMom/videos>
- Take a nature walk and observe what's outside using all your senses

**Supplemental Books for Art and Music!**

- [Alfred's Essentials of Music Theory](#)
- [How to Read Music](#)
- [Help Your Kids with Music!](#)
- [Music Theory 101](#)
- [A Children's Introduction to Art](#)
- [Discovering Great Artists: Hands-On Art Experiences in the Styles of Great Masters \(10\) \(Bright Ideas for Learning\)](#)
- [THE Art Book](#)

- 6th Grade Science focused on:
  - Plant and Animal Cells
  - Plant and Flower Anatomy
  - Photosynthesis
  - Respiration
  - Worm anatomy
  - Taxonomy
  - Food Chains and Food webs
  - Mass-Weight-Density
  - Sun, planets and the layers of the earth
  - Biomes and Habitats
  - Climates
  - Earthquakes
  - Energy forms
- Using the listed topics, search the following websites for scientific principles covered in class:
  - [Quizizz.com](http://Quizizz.com)
  - <https://pbskids.org/games/science>
  - <https://www.history.com/shows/the-universe>
  - <https://ssec.si.edu/distancelearning>
- <https://ssec.si.edu/bumperducks>
- <https://thehomeschoolscientist.com/100-summer-science-activities/>
- [Fun science activities!](#)
- Book Options for Science Summer Reading:
  - [Science Chapter Books](#) / [STEAM books](#)
  - [The Boy Who Harnessed the Wind](#) / [Coding Book!](#)

Geography is an area that our 6th graders can grow in and here are some awesome sites to help them do this:

[World Map Games](#) (online maps and games to play/learn about God's awesome world)

[PBS Geography](#) (this site has tons of geography and also world history lessons to increase their knowledge of what we studied this year)

Kahoot is a great site for fun games to test your knowledge and learn more:  
[Kahoot](#) (it is a free site to sign up with)

What's ahead? 7th grade studies beginnings of America through events leading to Civil War so here is another page on the PBS website that has lots of resources for learning:  
[PBS US History](#)

## Art/Music/Gym

### Gym/Movement

- Many libraries offer free art/music/movement courses.
- Go hiking [Van Cortlandt Park Hiking Trails](#)
- Free summer sports classes: <https://cityparksfoundation.org/play/>
- Fun summer activities: [New York City | MommyPoppins - Things to do in New York City with Kids](#)
- Free outdoor concerts in the parks:  
[NYC Parks Free Summer Concerts](#)

### Art

- Museum exhibitions for children:
  - KUSAMA: Cosmic Nature at the NYBG
  - KAWS: What Party at the Brooklyn Museum
  - Artechouse: NYC - Geometric Properties
  - [Spring, Forward! Museum Exhibits to See with Kids Now](#)
- [Crafts – Little Shop of Plaster and Pottery](#)
- Learn to draw : [Virtual Drawing classes](#)
- [Welcome to our Children's Art Studio in NYC!](#)
- [Center for Art, Design, and Community Engagement K-12 | Summer Scholars](#)

### Music

- Explore outside and let the sounds of nature inspire you as you create art!
- [Chopin - Nocturne op.9 No.2](#)
- [Instrument Lessons for Children at 92Y](#)
- [Tone Academy of Music](#)
- [Soundtrap: Making Music](#)
- [NYC Parks Free Summer Concerts](#)

- Self defense classes for kids
  - [Krav Maga Institute](#)
  - [Martial Arts](#)
- Bike riding on Governors Island
  - <https://www.govisland.com>
- Sign up for a swimming class
  - [YMCA Greenpoint](#)
  - [YMCA North](#)
- Visit to Riverbank Park
  - Skating Rink
  - Outdoor/Indoor Pool
  - BasketBall Courts
  - One-mile Track
- Jog one lap around at the Turtle and the Hare
  - [The Turtle & the Hare](#)
- Sports Programs:
  - [MMCC Programs](#)



## 7th & 8th

### Bible

7th graders studied 1st Corinthians (Ch's 1-8). To finish and/or study 2nd Corinthians, see this Bible study designed for youth: [Corinthians Bible Study](#)

Interested in some of the bizarre Bible accounts? Check out these 13 bible study lessons: [ScaryGrossWeirdStories.pdf](#)

8th graders studied the Book of Ephesians this year; for a more in-depth study into the armor of God, see these Bible lessons: [Armor of God: 10 lessons](#)

Trivia Questions By Category: [Bible Trivia](#)

### Math

Topics to focus on:

- Solidify math facts
- Memorize basic rules for fractions/decimals/percents
- Memorize signed # rules
- Practice solving 1-, 2-, and multi-step equations

Suggested Resources:

- Math facts: Xtramath.org - math facts practice, can work through all operations (+,-,x,div), 5-10min every M-F
- General: Khanacademy.org - has many topics to practice and includes videos; can do "Get ready for 8th Grade" course, or "7th Grade" course, 20 min 2-3 days a week
- Rules for operating with signed numbers: See this document [Integer rules.docx](#) (best viewed in Microsoft Word) and [this](#) one
  - Practice [games](#)
- Solving Equations:
  - [1-Step Eqns Practice](#) w/ answers
  - [2-Step Eqns Practice](#) w/ answers
  - [Multi-Step Eqns Practice](#) w/ answers
  - Solving equations [games](#) (the first four)

Bonus: Link to lots of [Geometry](#) resources!

- [Khan Academy](#) : Get ready for Algebra 1!
- [Fast Fact Fluency](#): Whole Numbers & Integers
- [Math & Art](#): I suggest the parabolic curves and mobius strip activities!
- [Algebra Vocabulary Terms](#): Take a few terms each week to look up, make flashcards, and memorize
- [Template & Example!](#)
- [Logic](#): Many students enjoyed studying logic and geometry this year!
- Review your notebooks from this year :)

## Reading/Writing

**Reading:** Read every day! Studies show that spending 30 minutes a day reading improves your vocabulary, creativity, and empathy. You can get books for free or cheap at:

- Your local library - <https://www.nypl.org/library-card>
- Online - <https://www.nypl.org/books-music-movies/ebookcentral>
- Independent bookstores
- Thrift stores

Want to read more stories set during the Middle Ages? Look for:

- *Catherine, Called Birdy* by Karen Cushman (author of *The Midwife's Apprentice*)
- *The Door in the Wall* by Marguerite de Angeli

Interested in the books we read about World War II? Check out:

- *The Book Thief* by Markus Zusak
- *Weedflower* by Cynthia Kadohata

If reading *Animal Farm* made you want to learn more about the Soviet Union under Stalin, try:

- *Between Shades of Gray* by Ruta Sepetys
- *Breaking Stalin's Nose* by Eugene Yelchin

### Writing

Practice your **narrative writing** skills by:

- Making up a story
- Writing a true story about something that happened in your life
- Adding onto or changing a character's story from a book you've read

Practice your **informational writing** skills by:

- Writing an essay about a topic you're interested in
- Analyzing cause and effect/ setting/ plot/ etc. of a book you've read
- Summarizing a story

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- Online - <https://www.nypl.org/books-music-movies/ebookcentral>
- Independent bookstores
- Thrift stores

If you want to read more novels-in-verse, check out:

- *Inside Out and Back Again* by Thanhha Lai
- *Brown Girl Dreaming* by Jacqueline Woodson

Interested in more books about World War I?

- *Soldier Dog* by Sam Angus
- *Private Peaceful* by Michael Morpurgo

Looking for another love story with a magical twist? Try:

- *Stargirl* by Jerry Spinelli
- *Tuck Everlasting* by Natalie Babbitt

Want to read about more young people who changed history?

- *I Am Malala: The Girl Who Stood Up for Education and Was Shot by the Taliban* by Malala Yousafzai
- *Uprising* by Margaret Peterson Haddix

### Writing

Practice your **narrative writing** skills by:

- Making up a story
- Writing a true story about something that happened in your life
- Adding onto or changing a character's story from a book you've read

Practice your **argument writing** skills by:

- Writing an essay trying to convince a friend or family member to believe or do something
- Writing a letter to a politician about an issue you're passionate about
- Writing a book review that explains why a story is great/ terrible/ poorly written/ important/ etc.

Try these **poetry** writing activities:

[www.edutopia.org/article/every-student-can-be-poet](http://www.edutopia.org/article/every-student-can-be-poet)

### **Grammar**

<https://www.ereadingworksheets.com/languageartworksheets/free-grammar-worksheets/>

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## **Science/History**

*7-8th Grade Science focuses on: Chemistry and Physics; Atoms; Periodic Table; Balancing equations; Energy- Potential and Kinetic; Circuits; Electricity; Speed, Distance and Time; Temperature conversions; Newton's Laws of Motion; Metric and English Conversions; Review of Cells and the 11 Human Body Systems*

An excellent source for practicing the Principles of 7-8th Grade Science can be found at the following websites:

[Quizizz.com](http://Quizizz.com)

<https://pbskids.org/games/science>

<https://www.history.com/shows/the-universe>

<https://ssec.si.edu/distancelearning>

<https://ssec.si.edu/bumperducks>

<https://thehomeschoolscientist.com/100-summer-science-activities/>

<https://www.sciencebuddies.org/blog/your-guide-to-science-activities-for-summer-break>

*7th-8th Grade is all about American history. 7th grade covers early American history to events leading to the Civil War. 8th covers the Civil War to Cold War/Vietnam War era.*

Here is a website that has lots of resources to learn about the above topics:  
[PBS US History](http://PBS US History)

For awesome videos to watch about US history, check out Crash Course and Hip Hughes History on Youtube:

- [Crash Course US History playlist](#)
- [Hip Hughes US History playlist](#)

Kahoot is a great site for fun games to test your knowledge and learn more:  
[Kahoot](http://Kahoot) (it's also free!)

The Smithsonian has a learning lab with lots of activities: [Smithsonian Learning Lab](http://Smithsonian Learning Lab)



### Summer Books to Read:

**The Science of Breakable Things:** An emotionally-charged new classic about the science of hope, love, and miracles! Natalie's uplifting story of using the scientific method to "save" her mother from depression is sure to take root in readers' hearts!

**Emmy in the Key of Code:** In this innovative middle grade novel, coding and music take center stage as new girl Emmy tries to find her place in a new school.

**A Field Guide to Getting Lost:** Sutton is having robot problems. Her mini-bot is supposed to be able to get through a maze in under a minute, but she must have gotten something wrong in the coding. Which is frustrating for a science-minded girl like Sutton—almost as frustrating as the fact that her mother probably won't be home in time for Sutton's tenth birthday. Luis spends his days writing thrilling stories about brave kids, but there's only so much inspiration you can find when you're stuck inside all day. He's allergic to bees, afraid of dogs, and has an overprotective mom to boot. So Luis can only dream of daring adventures in the wild. Sutton and Luis couldn't be more different from each other. Except now that their parents are dating, these two have to find some common ground. Will they be able to navigate their way down a path they never planned on exploring?

**Yusuf Azeem is not a Hero:** Yusuf Azeem has spent all his life in the small town of Frey, Texas—and nearly that long waiting for the chance to participate in the regional robotics competition, which he just knows he can win. Only, this year is going to be more difficult than he thought. Because this year is the twentieth anniversary of the 9/11 terrorist attacks, an anniversary that has everyone in his Muslim community on edge. With “Never Forget” banners everywhere and a hostile group of townspeople protesting the new mosque, Yusuf realizes that the country's anger from two decades ago hasn't gone away. Can he hold onto his joy—and his friendships—in the face of heartache and prejudice?

**The Unteachables by Gordon Korman:** The Unteachables are a notorious class of misfits, delinquents, and academic train wrecks. Like Aldo, with anger management issues; Parker, who can't read; Kiana, who doesn't even belong in the class—or any class; and Elaine (rhymes with pain). The Unteachables have been removed from the student body and isolated in room 117.

Their teacher is Mr. Zachary Kermit, the most burned-out teacher in all of Greenwich. He was once a rising star, but his career was shattered by a cheating scandal that still haunts him. After years of phoning it in, he is finally one year away from early retirement. But the superintendent has his own plans to torpedo that idea—and it involves assigning Mr. Kermit to the Unteachables.

The Unteachables never thought they'd find a teacher who had a worse attitude than they did. And Mr. Kermit never thought he would actually care about teaching again. Over the course of a school year, though, room 117 will experience mayhem, destruction—and maybe even a shot at redemption as Science becomes the cure to the chaos.

If you want to start prepping for the Regents you can access lots of previous tests here:

- [Global Regents Test Practice 1](#)
- [Global Regents Test Practice 2](#)
- [US History Regents Test Practice](#)

**The Miscalculations of Lightning Girl:** Lucy Callahan was struck by lightning. She doesn't remember it, but it changed her life forever. The zap gave her genius-level math skills, and ever since, Lucy has been homeschooled. Now, at 12 years old, she's technically ready for college. She just has to pass 1 more test — middle school!

Lucy's grandma insists: Go to middle school for 1 year. Make 1 friend. Join 1 activity. And read 1 book (that's not a math textbook!). Lucy's not sure what a girl who does calculus homework for fun can possibly learn in 7th grade. She has everything she needs at home, where nobody can make fun of her rigid routines or her super-powered brain. The equation of Lucy's life has already been solved. Unless there's been a miscalculation? Explore the regions of the brain and the way the brain calculates and reasons in this classic STEM novel.

**The Queen Bee and Me:** Meg has been friends with confident, self-assured Beatrix since kindergarten. She's always found comfort in Beatrix's shadow—even their families call them Beatrix-and-Meg. But middle school has brought some changes in Beatrix, especially when Meg tries to step outside her role as sidekick. Upsetting Beatrix means risking The Freeze—or worse. Meg gets into a special science elective and wants to take the class, no matter what Beatrix thinks. But when quirky new girl Hazel becomes Meg's science partner, Beatrix sets her sights on Hazel. At first, Meg is taken aback at how mean Beatrix can be—and how difficult it is to stand up to her friend. But as Meg gets to know Hazel while working on their backyard beehive project, she starts to wonder: What's it really like to be the Queen Bee? And more importantly: Is being Beatrix's friend worth turning down the possibility of finding her own voice and learning that Science is empowering.

7th and 8th Grade consists of STEM (Science Technology, Engineering and Math) based lab experiences:

<https://stemeducationguide.com/middle-school-stem-activities/>

<https://www.rasmussen.edu/degrees/education/blog/simple-stem-activities-for-kids/>

<https://stemactivitiesforkids.com/>

- Summer Books to Read:
  - [Science Chapter Books](#)
  - [8 Fascinating Books on African American Inventors](#)
  - [Spanish Scientists](#)
  - [10 Game Changing Hispanic Scientists](#)
  - [STEAM Books for Kids!](#)
  - [Girls Who Code](#)
  - [The Boy Who Harnessed the Wind](#)



## Art/Music/Gym

### Art

- Museum exhibitions for children:
  - KUSAMA: Cosmic Nature at the NYBG
  - KAWS: What Party at the Brooklyn Museum
  - Artechouse: NYC - Geometric Properties
  - [Spring, Forward! Museum Exhibits to See with Kids Now](#)
- [Crafts - Little Shop of Plaster and Pottery](#)
- [Welcome to our Children's Art Studio in NYC!](#)
- <https://www.pratt.edu/the-institute/administration-resources/office-of-the-provost/centers-and-academic-partnerships/center-for-art-design-and-community-engagement-k-12/summer-scholars/>

### Music

- [Instrument Lessons for Children at 92Y](#)
- [Tone Academy of Music](#)
- [Soundtrap: Making Music](#)
- [Music Theory Net](#)
- [Teoria: Music Theory Web](#)

### Supplemental Books for Art and Music!

- [Alfred's Essentials of Music Theory](#)
- [How to Read Music](#)
- [Music Theory 101](#)
- [The Vintage Guide to Classical Music](#)
- [The Classical Music Book](#)
- [THE Art Book](#)
- [Art That Changed the World](#)

- Self defense classes for kids
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  - [Martial Arts](#)
- Bike riding on Governors Island
  - <https://www.govisland.com>
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