

Courageous Learners Launching into Kindergarten

June 2021

Greetings Rising Kinder Families!

We are excited to collaborate with you and your child this school year! In order to best prepare your child for kindergarten reading skills, it is important to establish and practice a reading routine over the summer. We recommend that you read to your child every day.

Below you will find a list of our favorite authors and illustrators. While we love these authors and illustrators, you are not limited to choosing from their works. Please read aloud to your child at least one book from an author listed below.

Books by: Stan and Jan Berenstain, Marc Brown, Kevin Henkes, Dr. Seuss and Mo Willems. Also, any picture books and rhyming stories that your child enjoys are great choices.

Another essential skill practiced in kindergarten is mathematics. This summer students are strongly encouraged to complete items from the math bingo board on the following page.

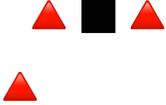
We hope you and your child enjoy a safe, happy summer and that reading together is an enjoyable, relaxed part of your day.

Sincerely,
The Kinder Teaching Crew

Courageous Learners Launching into Kindergarten

Summer Math Bingo

Pick 3 things per week to do

Week 1	Week 2	Week 3	Week 4	Week 5
Practice saying the days of the week in order beginning on Sunday.	With an adult's help, follow a favorite recipe. Talk about measurements.	Draw some circles. Count them and write the number.	Listen while an adult reads a book about shapes.	Count how many steps it takes to walk up a set of stairs..
Sort a collection of buttons and pennies and identify which has more or less.	Count objects in a set of items up to 10 (use buttons, coins, stones, shells). Write the number of objects.	If you have 2 blocks and you give 3 to a friend, how many blocks are there in all? Use your fingers.	Play with blocks or legos for 30 min a day.	If you have 5 pennies and you give 2 to a special person, how many do you have left? Use your fingers.
Sort coins and practice saying their name.	Scan a room for shapes. Draw all the shapes you see. Name them. Which shape do you see the most?	Do 4 belly breaths. Challenge yourself to go slower.	Play Tic Tac Toe with someone in your family.	Count how many trees you see with red leaves while riding in a car.
Look at a calendar and find your favorite month. Draw a picture that shows the weather in that month.	Practice writing your numbers 1 to 10.	Sit outside or next to a window. Count all the different types of sounds you hear in a certain amount of time.	With an adult's help, count the spoons and forks in your house. Which do you have more of?	Sort a collection of shells or stones. Count and write the amount of each set.
Using sidewalk chalk draw a hopscotch design on the ground (numbers 1 - 10) then hop through the squares.	Imagine that you set the table for 4 people. If you have only 3 spoons, how many more spoons do you need?	Play "I Spy" using shapes.	Practice writing your numbers 1 to 10.	Complete this pattern... 

Fabulous Firsties
Summer Math Bingo

Pick 3 things per week to do

Week 1	Week 2	Week 3	Week 4	Week 5
Sort coins and practice saying their name and value.	With an adult's help, follow a favorite recipe. Talk about measurement and weight.	Practice writing your numbers 1 to 20..	Sort coins and practice saying their name and value.	With an adult's help, follow a favorite recipe. Talk about measurement and weight.
With an adult's help, count the spoons and forks in your house. Which do you have more of?	Count objects in a set of items up to 20 (use buttons, coins, stones, shells). Write the number of objects.	Sort a collection of shells or stones. Count and write the amount of each set.	Choose a color and count how many cars you see that match your color.	Draw different amounts of objects. Count and write the number.
Build with blocks or legos for 30 minutes..	Scan a room for shapes. Draw all the shapes you see. Name them. Which shape is more, which is less?	Play "I Spy" using shapes.	Go outside and look for 3-D shapes (ex. cube, cylinder, sphere) .	Build with blocks or legos for 30 minutes..
Find the name of the month on each page of a calendar..	Draw a picture that shows the weather in each season.	Practice identifying your birthday (month, day, year).	Practice saying the days of the week in order beginning on Sunday.	Practice identifying the town and state you live in.
Practice skip counting by 2's with all the shoes in your house. Practice tying your shoes!	Practice skip counting by 5's up to 100.	Practice skip counting by 10 's up to 100.	Practice counting by 1's up to 20.	Practice skip counting by 2's with all the shoes in your house. Practice tying your shoes!

Fabulous Firsties

Summer Reading Bingo

Pick 3 things per week to do

Week 1	Week 2	Week 3	Week 4	Week 5
Read in a tent.	Read under a tree.	Read with a flashlight.	Read in your pajamas.	Read in a fort.
Write a story about swimming.	Write a story about an ocean animal.	Write a story about an ice cream party.	Write about your favorite summer memory.	Write a story about a sand castle contest.
Practice writing words in sand.	Practice writing words in watercolors.	Practice building words with sticks.	Practice writing words in bubble letters.	Practice writing words in shaving cream.
Practice reading sight words. https://sightwords.com/sight-words/dolch/	Practice reading sight words.			
Listen to someone in your family read - tell them what happened.	Listen to someone in your family read - tell them what happened.	Listen to someone in your family read - tell them what happened.	Listen to someone in your family read - tell them what happened.	Listen to someone in your family read - tell them what happened.

Book Suggestions- We recommend that you read every day! **Must do:** Read one high-quality novel. Our suggested texts, authors, and our personal favorites are below, but you are not limited to these choices.

- ★ Henry and Mudge series by Cynthia Rylant
- ★ Elephant and Piggie series by Mo Willems
- ★ Pigeon book series by Mo Willems
- ★ Pete the Cat series by James Dean
- ★ Fancy Nancy series by Jane O'Connor
- ★ Junie B. Jones series by Barbara Park
- ★ Dr. Seuss books
- ★ Leo Lionni books
- ★ Peter Reynolds books

Soaring Spectacular Second Graders

Summer Math Bingo

Pick 3 things per week to do

Week 1	Week 2	Week 3	Week 4	Week 5
<p>Practice using an analog clock to tell time.</p> 	<p>Practice counting groups of coins. How many different ways can you make a dollar?</p>	<p>Find objects in nature that mimic basic shapes and create a sculpture and explain to a friend or family member.</p>	<p>Use a ruler or yardstick to measure 10 items in your house. Show the data on a graph.</p>	<p>Find a take-out menu, create an order of at least two dishes, and add to find the total.</p>
<p>Practice subtraction facts to 20 for 20 min.</p>	<p>Create a board games for addition using items in your house.</p>	<p>Create or follow a recipe with a grown-up.</p>	<p>Find objects in nature and graph how many of each item you found.</p>	<p>Use play-doh to create different fractions: whole, half, thirds and fourths.</p>
<p>Count coins and organize by value.</p>	<p>Practice subtraction facts under 20.</p>	<p>Play on Prodigy for 20 minutes https://www.prodigygame.com/main-en/</p>	<p>Practice addition facts to 20 for 20 min.</p>	<p>Practice using an analog clock to tell time.</p>
<p>Practice skip counting by 2's, 5's & 3's. See how high you can get. Can you beat your score?</p>	<p>Create and solve 3 math word problems. Challenge: Have someone create the word problems for you to solve!</p>	<p>Create a board game for subtraction using items from your house.</p>	<p>Play a board game with a family member or friend.</p>	<p>Count coins and organize by value (pennies, nickels, dimes, quarters).</p>
<p>Create a hopscotch and use one math equation in each box.</p>	<p>Use a timer to keep track of how fast you can run a distance. Repeat at least 3 times. Make a table to show your results.</p>	<p>Use sidewalk chalk to create and solve addition and subtraction problems.</p>	<p>Keep track of the daily temperature for a week and make a graph.</p>	<p>Help a family member go food shopping and add up the prices of the items.</p>

Soaring Spectacular Second Graders

Summer Reading Bingo

Pick 3 things per week to do

Week 1	Week 2	Week 3	Week 4	Week 5
Read out loud to an adult.	Read in a comfy spot.	Read a book that a friend recommends.	Read a favorite book.	Read under the table.
Read in a pillow fort,	Read a magazine.	Read to a stuffed animal (or a real one!).	Read the directions to a game.	Read after a bath.
Read on a blanket in the grass.	Read on a deck.	Free Choice for reading location	Read under a tree.	Read a non-fiction text.
Read under a blanket.	Read a book you got at the library.	Read on a swing set.	Read with a flashlight.	Read before breakfast.
Read on a rainy day.	Read while someone's cooking.	Read in bed.	Read a book by a favorite author.	Read out loud to another kid.

We recommend that you read every day! **Must do:** Read one high-quality novel. Our suggested texts, authors, and our personal favorites are below, but you are not limited to these choices.

Suggested Authors:

Andrew Clement
 David Adler (*Cam Jansen* series)
 Dr. Seuss
 Judy Blume
 Roald Dahl
 Mary Pope Osborne (*Magic Tree House* series)
 Barbara Park (*Junie B. Jones* series)
 Ron Roy (*A to Z Mysteries*)
 Beverly Cleary (*Ramona* series)

Reading Rising Third Graders

Dear rising third graders,

June 2021

We hope you have a wonderful summer and that you will begin your summer reading program early. Students are encouraged to read at least 20 minutes daily, sometimes read aloud to by another person and sometimes to themselves. To help you select your books, we have made up a reading list of our favorite authors and series for you, however you are not limited to these options. The important thing is that all students need to read to sharpen their reading skills and to experience the pure joy of reading a good book!

Authors:

Patricia Polacco
Greg Tang
Seymour Simon
Shel Silverstein
Beverly Cleary
Jacqueline Woodson
R.J Palacio
Louis Sachar
Jerry Spinelli
Andrew Clements
Judy Blume
Suzy Kline

Series:

Henry and Mudge
Junie B Jones
Magic Tree House
My Weirdest School
I Survived Series
Who Was? What Was? Series
Dogman
Captain Underpants
Bone
Babysitters Club
Frog and Toad

For a May Do (optional, extension project) this summer: Students are encouraged to make a comic strip or commercial about their book. This could be done online with a website like Pixton or by printing creating their own comic strip on paper! The comic can be about events in the book, or students can build off the story to add more.

Our thanks,

The Third Grade Teaching Crew

Summer Math Bingo for Rising 3rd Graders

Pick at least 3 things per week to do

Week 1	Week 2	Week 3	Week 4	Week 5
<p>Practice using an analog clock to tell time.</p> 	<p>There are 6 passengers in first class, 11 passengers in the business class and 80 passengers in the economy class. How many total passengers are on the plane?</p>	<p>Add up all of the eating utensils in the house. Subtract the spoons.</p>	<p>The flight attendant fills the food and drink cart with 67 cans of soda, 25 cans of juice and 15 boxes of cookies. How many cans of drinks are there?</p>	<p>Practice multiplying by 3 for 20 min a day.</p>
<p>Practice multiplying by 4 for 20 min a day.</p>	<p>Fold paper squares to create parts of a whole. Label the fractions.</p>	<p>Cade had 87 marbles. He gave 18 to Dylan and 6 to Sam. How many does he have left?</p>	<p>Count the T-shirts in your room. How many T-shirts do you have in total? How many are short sleeves?</p>	<p>Mrs. Sheridan has 11 cats. Mr. Garrett has 24 cats. How many more cats does Mr. Garrett have than Mrs. Sheridan?</p>
<p>Count coins and organize by value (pennies, nickels, dimes, quarters).</p>	<p>Use a timer to keep track of how fast you can run a distance. Repeat at least three times. Make a table to show your results.</p>	<p>Make a bar graph of the activities you do this week to see which ones you do the most.</p>	<p>Owen has \$2.35 and he spends 1 dime and 3 nickels. How much money does he have?</p>	<p>Ask your family members if they like chocolate or strawberry ice cream better. What fraction of people like chocolate? What fraction of people like strawberry?</p>
<p>There are 18 students in the class. There are 13 girls. If 3 of the girls in this class join the basketball team, what is the fraction of girls on the basketball team?</p>	<p>Use a ruler or measuring tape to measure 10 objects in your house to the nearest inch.</p>	<p>Emily has 3 1-dollar bills and 3 pennies. Jacob has 1 5-dollar bills and 2 nickels. Who has less money?</p>	<p>Keep track of how long it takes you to do different household chores. Make a table to show the results.</p>	<p>Count coins and organize by value.</p>

Rising 4th Graders Summer Math Bingo

Pick 3 things per week to do:

Email Mcunningham@osacharter.org if you need access to workbook pages.

Week 1	Week 2	Week 3	Week 4	Week 5
Fractions- Workbook 3B : Page 92-94	Follow a recipe to cook-What fractions did you use when making measurements?	Mid Year Review- Workbook 3A : Page 195-196	Use a ruler or yardstick to measure 10 items in your house. Show the data on a table.	Practice multiplying by 6 for 20 min a day.
Practice multiplying by 2 for 20 min a day.	Fractions- Workbook 3B : Page 97-99	Ask as many family members or friends what their favorite dessert is. Make a bar graph of your data.	Find objects outside to measure-record your findings on a table.	Help a family member go food shopping and add up the prices of 10 items.
Count coins and organize by value.	Practice multiplying by 3 for 20 min a day.	Relax outside with a cool treat. FREE SPACE	Try to find symmetry in nature! For example, do leaves look the same on both halves?	Practice using an analog clock to tell time. 
Find objects outside to measure and record your findings on a table.	Practice using an analog clock to tell time.	Practice multiplying by 4 for 20 min a day.	Multiplication- Workbook 3A : Page 135-136	Count coins and organize by value.
Try to find symmetry in nature! For example, do leaves look the same on both halves?	Fold paper squares to create parts of a whole. Label the fractions.	Practice multiplying by 10 for 15 min a day.	Practice multiplying by 5 for 20 min a day.	Division- Workbook 3A : Page 147-148

4th Grade Summer Reading List

The fourth grade teaching crew recommends that you read every day!

<u>Poetry</u>	<u>Novel</u>
<p>Must do: Read one Poem and write your Notice (things you see...I notice/see/can point out) and Wonder (things you have questions about...I wonder/question/am curious about...)</p>	<p>Must do: Read one high-quality novel. Our suggested texts, authors, and our personal favorites are below, but you are not limited to these choices.</p>
<p>poems by Jacqueline Woodson</p> <p>“Foot Falls” by Sharon Creech https://poets.org/poem/footfalls</p> <p>“Homework Machine” by Shell Silverstein</p> <p>“Summer” by Walter Dean Myers</p> <p>“Nothing Gold Can Stay” by Robert Frost</p>	<p><u>Authors:</u> Patricia Polacco Greg Tang Seymour Simon Shel Silverstein Beverly Cleary Jacqueline Woodson R.J Palacio Louis Sachar Jerry Spinelli Andrew Clements Judy Blume Suzy Kline</p> <p><u>Series:</u> <i>Henry and Mudge</i> <i>Junie B Jones</i> <i>Magic Tree House</i> <i>My Weirdest School</i> <i>I Survived Series</i> <i>Who Was? What Was? Series</i> <i>Dogman</i> <i>Captain Underpants</i> <i>Bone</i> <i>Babysitters Club</i> <i>Frog and Toad</i></p>

IMAGINE! EXPLORE! IMMERSE!
Rising Grade 5 Summer Reading

IMAGINATION - The Tale of Despereaux by Kate DiCamillo
EXPLORATION - Bud, Not Buddy by Christopher Paul Curtis
IMMERSION - Johnny Tremain by Esther Forbes

Read at least one of these books.

Choose 1 to do your project about before school starts!

Want more recommendations? Check out your local library!

Summer ELA Choice Board

(Any of these choices can be either drawn or written unless it specifically says one or the other)

Try and do 10 different ones before redoing one of the choices.

<p>Create a comic strip with at least three panels about a passage or section of text you read.</p>	<p>Draw the main character of your story, use descriptions and details from the text to help you.</p>	<p>Take a journal outside. Record everything you see, smell, hear, taste, and feel.</p>	<p>Write a poem about something you really love OR something you really don't love.</p>	<p>Is your book fiction or nonfiction? What clues tell you this?</p>
<p>Make a connection: Is there something in the text that has happened to you? Give an example.</p>	<p>Use sidewalk chalk to share an important message with your neighborhood. Do a first draft on paper to check spelling and grammar.</p>	<p>Predict what you think will happen in the next chapter/part of your current text. What clues from the text make you think that? (This can't be used on a book you have already read before.)</p>	<p>Make a connection: Is there something in the text that has happened in something else you have read? Give an example.</p>	<p>Design a map of the setting of a book you're reading OR design a map for an invented world of your own. Include a key, a scale, and labels.</p>
<p>Using your ELA skills, share a detailed summary of what you read today to a friend or family member.</p>	<p>At night, use a flashlight to spell tricky words in the air.</p>	<p>Challenge your family members or friends to a game of Scrabble, Boggle, or Bananagrams.</p>	<p>Write a letter to your new teachers introducing yourself. Optional: mail it to the school (2 Old Sturbridge Village Road, Sturbridge, MA, 01566)</p>	<p>Have a Jump Rope Spelling Bee. Shout out an important spelling word and say each letter of the word at each hop.</p>
<p>Have someone ask you questions about your book. Answer them using details from the book.</p>	<p>Use sticky notes to stop & jot as you read this summer. Write down things you wonder, things you notice.</p>	<p>Write a journal entry describing how you modeled the Way of the Ox this summer.</p>	<p>Make a connection: Is there something in the text that has happened or is happening in real life?</p>	<p>Act out a scene from a book you're reading using stuffed animals and items from your room as props.</p>
<p>Find a new word that you did not know before in your text. Use technology or a dictionary to find the definition.</p>	<p>Retell what you have read of your book in order to someone else, answer the question they have about it.</p>	<p>In your text, find a word that you always spell wrong, but know when you see it. Practice writing that word 5 times correctly, no guessing.</p>	<p>Take a rhyming book / a poem and perform it as a rap.</p>	<p>Write a short story with a beginning, middle and end.</p>

Rising Fantastic 5th Graders

Summer STEAM Bingo

Pick 3 things per week to do

Week 1	Week 2	Week 3	Week 4	Week 5
Estimate the combined area of 3 rooms in your house.	Follow a recipe to cook using measurements.	Write and solve 10 three-digit long division problems	Estimate the pounds of recycling in your house in one week.	Practice 7x table facts 20 min a day
Practice 3x table facts 20 min a day	Make a list of 10 everyday situations that you use decimals.	Write and solve number sentences using multiple operations	Estimate the perimeter of your house	Design and create an adding and subtracting fractions board game
Count coins and organize by value. Translate decimal value into fractions.	Practice 6x table facts 20 min a day	Eat a COLD TREAT! and relax outside	Practice 8x table facts 20 min a day	Fold origami with a friend or family member.
Practice 9x table facts 20 min a day	Play with blocks or legos for 30 min a day. Build 2 structures, one $\frac{1}{2}$ size of the other.	Follow a recipe to cook using measurements. Double or reduce the recipe by half.	Write and solve 10 three-digit multiplication problems.	Make a schedule of your week. Calculate how much time is spent on work/play/ and sleep
Play with blocks or Legos for 30 min a day. Design a building on Mars.	Use a timer to keep track of how fast you can run a distance. Make a table and bar graph to show your results.	Practice 4x table facts 20 min a day	Add up all of the books in your house. Subtract the number of fiction books.	Practice 12x table facts 20 min a day

Fearless 5ths Rising to Spectacular 6ths!
Summer Reading

Step One:

Welcome to 6th grade! Our first module of the year dives deep into mythology, so we ask that all students **read one imaginative and mythology-inspired text from any culture over the summer**. Additionally, students may choose to read another high-quality text of their choice. Our suggested texts, authors, and our personal favorites are below, but you are not limited to these choices. The 6th grade teaching crew recommends that you read every day!

<u>MUST</u> READ ONE: Suggested myths from any culture	MAY READ ONE: Suggested classic novels and diverse contemporary authors
<p>Books by Rick Riordan*</p> <ul style="list-style-type: none"> - Heroes of Olympus series - Magnus Chase & the Gods of Asgard series - The Kane Chronicles series - The Trials of Apollo series <p><i>Olympians Series</i> by George O'Connor (Greek, graphic novels) <u>Dragon Pearl</u> by Yoon Ha Lee (Korean) <u>Race to the Sun</u> by Rebecca Roanhorse (Navajo) <u>Tristan Strong Punches a Hole in the Sky</u> by Kwame Mbalia (West African) <u>Aru Shah And The End Of Time</u> by Roshani Chokshi (Indian) <u>Sal and Gabi Break the Universe</u> by Carlos Hernandez (Cuban) <u>The Night Parade</u> by Kathryn Tanquary (Japanese) <u>The Storm Runner</u> by J.C. Cervantes (Mayan) <u>City of the Plague God</u> by Sarwat Chadda (Mesopotamian) <i>TombQuest</i> series by Michael Northrop (Egyptian) <i>The Sea of Trolls</i> trilogy by Nancy Farmer (Norse)</p> <p><i>*(please do not read <u>The Lightning Thief</u> by Rick Riordan because that is the book we are reading in module 1)</i></p>	<p><u>Little Women</u> by Louisa May Alcott <u>The Adventures of Tom Sawyer</u> by Mark Twain <u>The Giver</u> By Lois Lowry <u>A Wrinkle in Time</u> by Madeleine L'Engle <u>The Westing Game</u> by Ellen Raskin</p> <p><i>Consider books by these great authors:</i> Kwame Alexander Jason Reynolds Lynda Mullaly Hunt Jacqueline Woodson Pam Muñoz Ryan Rita Williams-Garcia Sharon M. Draper Aisha Saeed Firoozeh Dumas Kazu Kibuishi Svetlana Chmakova Raina Telgemeier Jen Wang</p>

Step Two: MUST DO: Embrace imagination! **With ONE text of your choice, create a visual representation of either an important scene or your favorite part.** This can look like an illustration, a sculpture, a painting, a digital drawing, a comic strip, or even a photograph or video of you acting out the scene. **Bring evidence of your visual representation with you on the first day of school or email it to owandelea@osacharter.org.**

Rising 6th STEM Summer Choice Board
Must Do - Complete any FIVE of the following STEM activities
May Do - Complete more than five activities

B	I	N	G	O
Observe the night sky for 30 minutes. Find the Big Dipper.	Make Slime! Make enough for you then change the measurements to make some for the family.	Make elephant toothpaste (You <u>must</u> do this experiment outside!!)	Record the high temperatures over a week and graph your data. Find the mean (average) high temperature of the week.	Use a recipe to make something. Then figure out how to double or reduce the amount of food it will serve.
Determine the amount of tip that should be paid at a restaurant - usually 15% or 20 % of the cost for dinner.	Observe different phases of the moon. Sketch, label, and date!	Make a Rube Goldberg Machine.	Read Awesome Achievers in Technology: Super and Strange Facts about 12 Almost Famous History Makers by Alan Katz	Collect rainfall with a homemade rain gauge. Measure the volume of rain you collected. Use appropriate units!
Make homemade ice cream using two coffee cans or plastic bags and rock salt.	Learn something new. Look up the answer to a question you've always wanted answered.	Read Black Women in Science: A Black History Book for Kids by Kimberly Brown Pllum, PhD	Design a useful object that can fit into a 2 ft x 2ft x 2ft cube.	Adopt a rock! Give it a name and try to categorize it as igneous, metamorphic or sedimentary.
Measure your shadow in the morning, at noon, and in the afternoon all on the same day.	Play Monopoly and be the banker.	Make a solar oven with cardboard box and aluminum foil and cook s'mores!	Read Human Body Theater: A Nonfiction Review by Maris Wicks	Have a race against someone (swimming, running, biking) and record your heart rate both before and after.
Use recycled materials to make a container that will protect a raw egg when dropped from different heights.	Make a lava lamp using oil, water, food coloring, and alka seltzer tablets.	Make a catapult using popsicles sticks and launch a mini marshmallow as far as possible	Make rock candy. Try using different amounts of sugar to figure out which recipe (ratio) works best.	Make a three foot tall free standing structure out of items at home.

**Spectacular 6ths Rising to Sensational 7th!
Summer Reading**

Step One:

Our first module of the year dives deep into the Lost Children of Sudan, so we ask that all students **read one text centered on Africa or African storytelling over the summer.** Additionally, students may choose to read another high-quality text of their choice. Our suggested texts, authors, and our personal favorites are below, but you are not limited to these choices. The 7th grade teaching crew recommends that you read every day!

<u>MUST</u> READ ONE:	MAY READ ONE: Suggested classic novels and diverse contemporary authors
<p><i>Bury My Bones but Keep My Words: African Tales for Retelling</i> by Tony Fairman <i>Far from Home</i> by Na’ima B. Robert <i>The Storyteller’s Beads</i> by Jane Kurtz <i>Out of Bounds: Seven Stories of Conflict and Hope</i> by Beverley Naidoo <i>Lost Boy, Lost Girl: Escaping Civil War in Sudan</i> by John Dau <i>A Calf Names Brian Higgins: An Adventure in Rural Kenya</i> by Kristen Ball <i>Folktales from South Sudan</i> by Marcelina Morgan <i>Son of a Gun</i> by Anne de Graaf <i>The Power of One: A Novel</i> by Bryce Courtenay <i>Somehow Tenderness Survives: Stories of Southern Africa</i> by Hazel Rochman</p>	<p><i>Where the Red Fern Grows</i> by Wilson Rawls <i>The Call of the Wild</i> by Jack London <i>A Tree Grows in Brooklyn</i> by Betty Smith <i>The Time Machine</i> by H.G. Wells <i>The Light in the Forest</i> by Conrad Richter <i>The Mysterious Adventures of Sherlock Holmes</i> by Sir Arthur Conan Doyle <i>Tex</i> by S.E. Hinton</p> <p><i>Consider books by these great authors:</i> Kwame Alexander Jason Reynolds Lynda Mullaly Hunt Jacqueline Woodson Pam Muñoz Ryan Rita Williams-Garcia Sharon M. Draper Aisha Saeed Firoozeh Dumas Kazu Kibuishi Svetlana Chmakova Raina Telgemaier Jen Wang</p>

Step Two:

MUST DO: Embrace imagination and interpretation! **With ONE text of your choice, create a new book cover or a movie poster to express a visual representation of the text.** Think about what impacted you most during your reading and create something to encourage others to read or “see” it too! You must include the title of the book, create an image/scene through drawing, painting, collage or another 2-dimensional art form, and include your favorite or a memorable brief quote from the book. **Bring evidence of your book cover/movie poster with you on the first day of school!**

Rising Seventh Summer STEM Choice Board
MUST DO: 10 Activities
MAY DO: More than 10/Complete the Board!

Take a picture of something that inspires you. Then, think of all the ways you see math at work in the picture.	Find a new recipe that you would like to try, then make it to serve more or fewer people than the recipe originally intended.	Calculate the percentage of your social media friends or followers who you know in real life.	Working a summer job or earning money for chores? Figure out how long you will need to work to save enough money to buy something you're hoping to purchase.	Watch a math related video on the internet. Try something by Vi Hart or Numberphile if you're not sure where to look.
Calculate the cost of fuel for your family's vacation, a work commute for the summer, or your trip to a friend's house.	Keep a record until you've counted 2,021 of something: ants, flower blossoms, seashells, people in line at the shaved ice stand...	Find a tide chart for your favorite beach and write down what you notice and what you wonder about the chart.	Make a graph of the daily high temperatures for the month of July or August.	Try to accurately schedule your time for a whole day. Don't forget to account for time to sleep, eat, and brush your teeth!
Flip through last year's math notebook and find one thing you remember well and one thing you hope to get better at next year.	Determine your favorite number and come up with three reasons why it is your favorite.	FREE Choice	Feeling creative? Choose your favorite art medium, assign a color to each digit 0-9, and artfully represent as many digits of pi as you dare.	Choose a hot summer day and find out how long it takes an ice cube to melt at three different times of the day. Record and analyze the data.
Go to your local library and count the books on one shelf. Use your count to estimate the number of books in the library. Check with the librarian to see how close.	When out to dinner (or getting take out) at a restaurant, calculate the tip without a calculator, and describe your strategy to a nearby adult.	Research the volume of an Olympic-sized swimming pool. Compare it to the volume of your local pool.	Determine how many times you would have to walk or run around your house to walk or run a mile. Then, walk or run the mile!	Research, design, and build a kite. Try to fly it on a windy day. If your kite doesn't perform the way you want the first time, revise your plan and try again!
Create a design for a beach towel using tessellations. If you don't know what tessellations are, do some research first.	Calculate the difference in calories for one scoop, two scoops, and three scoops of your favorite flavor ice cream.	Find or write a math joke and tell it to five different people.	Here's another creative one: Draw a continuous closed loop on a piece of paper by beginning and ending at the same point, crossing your lines as many times as you want in the process. Then, without allowing sections which share an edge to be the same color, color your drawing using as few colors as possible. It should take no more than four colors! Research "Four Color Theorem" for more information.	