

Summer Math & Reading

Each year we assign Summer reading and math activities for students to complete because research has shown that not practicing over the summer causes students to lose valuable skills, especially in math and reading.

During the Summer we ask students to read TWO books - one that fits our theme and one choice book. Additionally, we ask students to complete a math grade level mission on Khan Academy.

This year's theme: Principled

As IB learners we strive to be Principled - we act with integrity and honesty, with a strong sense of fairness, justice and respect for the dignity of the individual, groups and communities. This summer our reading selections focus on characters who are principled in the face of problematic situations. Think about how might also focus on being Principled while working on your math assignments.

Summer Math

This year we will use Khan Academy for Summer math work. Your assignment is to work through the grade level mission for the grade you are leaving. For example,

- rising 6th grade students will work through the 5th grade mission
- rising 7th grade students will work through the 6th grade mission
- rising 8th grade students will work through the 7th grade mission.

Since math each year builds on the skills from the previous year, spending time over the summer to review these skills will help make sure you are ready for the new challenges of the next grade. If you are able to work all of the way through your mission and would like to try some more challenging work you are welcome to do that too! Set a goal to practice the skills in your mission for 30 minutes 4-5 days a week so your brain will stay in math shape all summer long!

Directions for Getting Started:

1. Go to khanacademy.org. Click on "Log In." Click on "Continue with Google." Input your school Google Drive login and password. It should log you into Khan.
3. Add your coach before you get started. Rising 6th graders should add Ms. Afzal as a coach by putting in her email address (hafzal@atlncs.org).

To complete your SUMMER MATH assignment:

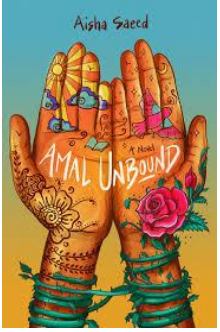
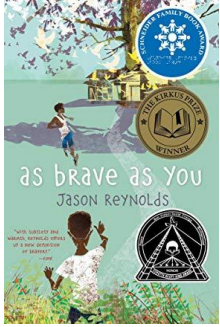
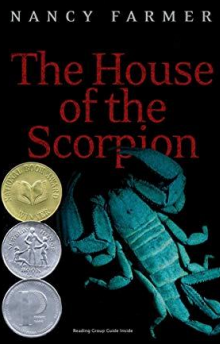
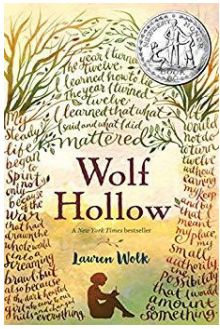
1. Click on "courses" in the top left hand of your screen.
2. Under "Math by Grade" click the grade that you just completed (for example, 5th grade).
3. Then click "mission". Begin practicing your skills!

If you have any trouble or questions, send Ms. Hobby an email and she can help!

shobby@atlncs.org

Summer Reading

Pick **ONE** of the THEME books below. Our work when we come back to school in the fall will focus on what you take away from the book you choose and how characters in the book show traits of being **Principled**.

	Amal Unbound By: Aisha Saeed Realistic Fiction Lexile: 600 Fountas & Pinnell: None Ages: 10+ From School Library Journal: Amal is an inquisitive young girl living with her family in a Punjabi village in rural Pakistan. Inspired by her favorite teacher, Amal dreams of becoming an educator. However, the tween has to stay home to run the household while her mother recovers from postpartum depression. Amal discovers the strength to overcome her harrowing circumstances, while making new friends and finding comfort in books and learning. What follows is Amal's social awakening. She finds the courage to fight for justice on behalf of herself and her community. *Voice of Youth Advocates 2018
	As Brave as You By: Jason Reynolds Realistic Fiction Lexile: 750 Fountas & Pinnell: X Ages: 10+ From Kirkus Reviews: Eleven-year-old Brooklynite Genie has "worry issues," so when he and his older brother, Ernie, are sent to Virginia to spend a month with their estranged grandparents while their parents "try to figure it all out," he goes into overdrive. First, he discovers that Grandpop is blind. Next, there's no Internet, so the questions he keeps track of in his notebook (over 400 so far) will have to go un-Googleed. Then, he breaks the model truck that's one of the only things Grandma still has of his deceased uncle. And he and Ernie will have to do chores, like picking peas and scooping dog poop. What's behind the "nunya bidness door"? And is that a gun sticking out from Grandpop's waistband? *Coretta Scott King Honor Book 2017
	The House of the Scorpion By: Nancy Farmer Science Fiction Lexile: 660 Fountas & Pinnell: Z+ Ages: 11+ From Booklist: Young Matteo (Matt) Alacran is a clone of the original Matteo Alacran, known as El Patron, the 142-year-old absolute ruler of Opium, a country separating the U.S and Aztlan, once known as Mexico. In Opium, mind-controlled slaves care for fields of poppies, and clones are universally despised. While still quite young, Matt is taken from the loving care of El Patron's cook and placed into the abusive hands of a maid, who treats him like an animal. At 7 he begins an indulged life, getting an education and musical training, though he is never allowed to forget that he is not considered human. Matt doesn't learn until he is 14 that El Patron has had other clones, who have provided hearts and other organs so El Patron can go on living. This is a powerful, ultimately hopeful, story that builds on today's sociopolitical, ethical, and scientific issues. *National Book Award 2002
	Wolf Hollow By: Lauren Wolk Historical Fiction Lexile 800 Fountas & Pinnell: X Ages 9+ From School Library Journal: Eleven-year-old Annabelle lives in a rural Pennsylvania community in 1943. The continued fighting of World War II haunts everyone, but life is mostly peaceful-until Betty Glengarry's arrival. Betty is cruel and threatening and thrives on inflicting pain. Toby is a local vagabond, a World War I veteran of few words who has become something like a friend of Annabelle's family. One day, Betty goes missing. Toby immediately becomes the prime suspect. Annabelle is sure of Toby's innocence and is determined to prove it. Readers are alerted from the outset that this is the story of how the narrator loses her childish naïveté in a life-altering way. The narrative is powerful, complex, and lifelike. Thematically, this book raises some of the same issues as To Kill a Mockingbird, but with social status rather than racism as the basis for injustice. *Newbery Honor Book 2017

CHOICE READING: Here are Some ideas for books to select for your choice reading. Choose **at least one** from this list or another book you already have in mind; just make sure you read a second book!

Sports Undeclared: Jim Thorpe and the Carlisle Indian School Football Team The Track Series - Ghost, Patina, Sunny, Lu The Crossover Series - Crossover, Booked, Rebound	Mystery Click Here to Start (A Novel) The Parker Inheritance The Van Gogh Deception When You Reach Me The Riverman	Classics The Birchbark House Watership Down Where the Red Fern Grows The Witch of Blackbird Pond
Multicultural Fiction The Epic Fail of Arturo Zamora Stef Soto, Taco Queen Amina's Voice The Night Diary	Fantasy/Magic/Sci-Fi Hoodoo Sweep: The Story of a Girl and Her Monster Cinder *ages 12+ (Common Sense Media Review) Children of Blood and Bone *ages 13+ (Common Sense Media Review)	Realistic Fiction Dear Martin *ages 14+ The Bridge Home Fish in a Tree Short Piecing Me Together *ages 13+ (Common Sense Media Review)
Historical Fiction Beyond the Bright Sea Ghost Boys Midnight Without a Moon A Tree Grows in Brooklyn *ages 12+ (Common Sense Media Review)	Non-Fiction Never Caught: The Story of Ona Judge - George and Martha Washington's Courageous Slave Who Ran Away (Young Readers Edition) Untamed: The Wild Life of Jane Goodall Lion: A Long Way Home - Young Readers Edition	Graphic Novel Great American Dust Bowl New Kid T-Minus: The Race to the Moon Witch Boy

Additional suggested reading lists below. Please use discretion when choosing Young Adult (YA) novels to ensure it is suitable for your reader.

[Georgia Children's Book Award Nominees 2019-20](#) - any book on this list, no matter the grade level

[Project LIT Bookclub](#)

[Coretta Scott King Award Winners and Nominees](#) - Children, Middle and YA

[Newbery Medal 2019 - and going back until 1922](#) - Children, Middle and YA

[Books All Young Georgians Should Read](#)