

welcome to SIXTH GRADE

Math

Our fifth graders have worked hard learning new math skills this year. Review and mastery of all these skills is extremely important in order to maintain a solid math foundation and prepare for the next grade level. We encourage you to immerse your child(ren) in real world experiences that call for application of their skills, as this will maximize their understanding of various concepts!

Please print the copies attached. [Math Summer Packet](#)

ALL WORK MUST BE SHOWN TO RECEIVE FULL CREDIT. After completion, students should self-check their answers in a different colored ink with the provided [answer key](#). All completed packets will be returned in August.

If your child has difficulty in any area, any additional support you give them is beneficial. There is a list of websites below for your convenience.

<https://home.xtramath.org/> This website is a great tool to help your child improve his/her math fact fluency.

www.funbrain.com Click Math Zone and choose any of the games for 5th grade students.

www.freckle.com You will need to sign your child up. This site adapts to students' skills. Adaptive math and fact practice are both good starting points.

www.mathisfun.com Explore the various categories and play skill practice games.

Reading

St. Anthony Catholic School believes that summer reading is a valuable experience for all students and an important extension of our educational programs.

Summer Reinforcement Work 5th graders entering 6th grade

Therefore, students entering sixth grade must read two or more books. Upon completion of their book, students will take an AR test with a passing grade of 80% or higher. The Renaissance AR website is:

<https://global-zone05.renaissance-go.com/welcomeportal/65363>.

Students should be reading in their ZPD (Zone of Proximal Development) from their STAR Reading taken in May. Any new students to the school should be reading on grade level or at their ability.

We have included a list of recommended reading books below:

Fiction Books

Planet Earth is Blue, by Nicole Panteleakos Nova and her big sister, Bridget, share a love of astronomy and the space program. They planned to watch the space shuttle Challenger launch together. But Bridget has disappeared, and Nova is in a foster home. While foster families and teachers dismiss Nova as severely autistic and nonverbal, Bridget understood how intelligent and special Nova is. Every day Nova is counting down to the launch and Bridget's hopeful return

The Egypt Game, by Zilpha Keatley Snyder Even to Melanie, who knew that you could never predict what a new kid would be like, April Hall was something of a surprise. One look at her stringy upswept hair, false eyelashes, and ragged fox-fur collar, convinced Melanie that April was not going to be easy to integrate into the sixth grade at Wilson School. Within a month, April and Melanie had developed a common interest in ancient Egypt and had begun to develop a land of Egypt in an abandoned storage yard. Complications arose when other people joined the original Egyptians, when a murderer ranged the neighborhood, and when an oracle predicted strange things. But it was all in the game, which gave even April a fall and winter to remember.

The Candymakers, by Wendy Mass Four gifted twelve-year-olds, including Logan, the candymaker's son, are set to be contestants in the Confectionary Association's national competition to determine the nation's tastiest sweet, but nobody anticipates that a friendship will form between them.

Summer Reinforcement Work 5th graders entering 6th grade

The Big Field, by Mike Lupica When fourteen-year-old baseball player Hutch feels threatened by the arrival of a new teammate named Darryl, he tries to work through his insecurities about both Darryl and his remote and silent father, who was once a great ballplayer too.

The Red Pyramid, by Rick Riordan Brilliant Egyptologist Dr. Julius Kane accidentally unleashes the Egyptian god Set, who banishes the doctor to oblivion and forces his two children to embark on a dangerous journey, bringing them closer to the truth about their family and its links to a secret order that has existed since the time of the pharaohs.

The Land of Stories, by Chris Colfer Through the mysterious powers of a cherished book of stories, twins Alex and Conner leave their world behind and find themselves in a foreign land full of wonder and magic where they come face-to-face with the fairy tale characters they grew up reading about.

The Remarkable Journey of Coyote Sunrise, by Dan Gemeinhart 12 year old Coyote Sunrise and her father, Rodeo, have been living in a renovated school bus for the past five years since Coyote's mother passed away. They travel all over the country following their whims--the only place they won't go is back home. All of a sudden, Coyote's grandmother calls to let her know that the place where Coyote, Coyote's mom, and her sisters buried a memory box is about to be dug up and destroyed. Coyote is desperate to get home to save their box but she has to find a way to steer her dad back home without him knowing where they are going. Along the way they pick up several new friends.

Song For a Whale, by Lynee Kelly Twelve-year-old Iris is the only Deaf student in her school. She has a keen interest in electronics, and spends her time fixing old radios for a local antiques store. In science class, Iris learns about Blue 55, the loneliest whale in the world. The whale swims about without a pod, and cannot communicate with other whales. In some ways, Iris identifies with the lonely whale, and she is determined to create a song for him. Once the song is composed, Iris and her grandmother secretly embark on a three-thousand-mile journey that takes them to the coast of Alaska, where Blue is swimming. Along the way, they undergo life-changing experiences.

Summer Reinforcement Work 5th graders entering 6th grade

How I Became a Spy: a Mystery of WWII London, by Deborah Hopkinson Bertie

Bradshaw never set out to become a spy. He never imagined traipsing around war-torn London, solving ciphers, practicing surveillance, and searching for a traitor to the Allied forces. But when a young woman goes missing, leaving behind a coded notebook, Bertie is determined to solve the mystery. With the help of his friends and his trusty pup, Bertie must decipher the notebook in time to stop a double agent from spilling the biggest secret of all to the Nazis.

Lifeboat 12, by Susan Hood It's 1940, the beginning of the Blitz, and 13-year-old Kenneth Sparks is selected to go to Canada as part of a program to send ninety British children to the safety of the U.K.'s overseas dominions. Life aboard the luxury ship is grand-- rich food, new toys, soft beds, and new friends distract them from the constant reminder that war is happening all around them. When his ship is torpedoed, Kenneth, five other boys from the program, and about 40 adults make it aboard Lifeboat 12, one of the only lifeboats remaining after the evening's gale-force winds. Will they run out of supplies? Will they survive long enough to be found?

The Diary of a Young Girl, by Anne Frank The Diary of a Young Girl, also known as The Diary of Anne Frank, is a book of the writings from the Dutch-language diary kept by Anne Frank while she was in hiding for two years with her family during the Nazi occupation of the Netherlands.

On the Horizon, by Lois Lowry Lois Lowry looks back at history through a personal lens as she draws from her own memories as a child in Hawaii and Japan, as well as from historical research, in this work in verse for young readers. *On the Horizon* tells the story of people whose lives were lost or forever altered by the twin tragedies of Pearl Harbor and Hiroshima. Composed of poems about individual sailors who lost their lives on the *Arizona* and about the citizens of Hiroshima who experienced unfathomable horror.

A Crack in the Sea, by H.M. Bouwman A portal between two worlds opens unexpectedly. Those who travel to the second world find solace, but the Raft King wants to change all of that. Relating the tales of three sets of siblings who endure hardships, experience magic, adventures on the sea, and an enchanting second world, *A Crack in the Sea* is a unique tale where the door to the first world may never reopen.

Summer Reinforcement Work 5th graders entering 6th grade

Space Case, by Stuart Gibbs (Series) Twelve-year-old Dashiell Gibson is famous the world over for being one of the first humans to live on the moon. And he's bored out of his mind. Kids aren't allowed on the lunar surface, meaning they're trapped inside the tiny moon base with next to nothing to occupy their time—and the only other kid Dash's age spends all his time hooked into virtual reality games. Then Moon Base Alpha's top scientist turns up dead. Dash senses there's foul play afoot, but no one believes him. Everyone agrees Dr. Holtz went onto the lunar surface without his helmet properly affixed, simple as that. But Dr. Holtz was on the verge of an important new discovery, Dash finds out, and it's a secret that could change everything for the Moonies—a secret someone just might kill to keep.

Nonfiction Books

The Boy Who Harnessed the Wind (Young Reader's Edition) by William Kamkwamba

-When a terrible drought struck William Kamkwamba's tiny village in Malawi, his family lost all of the season's crops, leaving them with nothing to eat and nothing to sell. William began to explore science books in his village library, looking for a solution. There, he came up with the idea that would change his family's life forever: he could build a windmill. Made out of scrap metal and old bicycle parts, William's windmill brought electricity to his home and helped his family pump the water they needed to farm the land.

Who Was King Tut? by Roberta Edwards Ms. Edwards explains the life and times of this ancient Egyptian ruler, covering the story of the tomb's discovery, as well as myths and so-called mummy curses.

Chasing Lincoln's Killer by James L. Swanson Based on rare archival material, obscure trial manuscripts, and interviews with relatives of the conspirators and the manhunters, it is a fastpaced thriller about the pursuit and capture of John Wilkes Booth: a wild twelve day chase through the streets of Washington, D.C., across the swamps of Maryland, and into the forests of Virginia.

Summer Reinforcement Work 5th graders entering 6th grade

The Journey That Saved Curious George, by Louise Borden Tells how the creators of "Curious George" narrowly escaped capture by the Nazis while fleeing Paris on their bicycles during World War II.

Brown Girl Dreaming, by Jacqueline Woodson Raised in South Carolina and New York, Woodson always felt halfway home in each place. In vivid poems, she shares what it was like to grow up as an African American in the 1960s and 1970s, living with the remnants of Jim Crow and her growing awareness of the Civil Rights movement. Touching and powerful, each poem is both accessible and emotionally charged, each line a glimpse into a child's soul as she searches for her place in the world. Woodson's eloquent poetry also reflects the joy of finding her voice through writing stories, despite the fact that she struggled with reading as a child. Her love of stories inspired her and stayed with her, creating the first sparks of the gifted writer she was to become.

The books above are only recommendations. We want your child to read books of interest to them. To check the ZPD range of any book, visit www.arbookfind.com.

We hope you have a wonderful summer.

Mrs. Michelle McDermott & Mrs. Kristina Bacallao
6th Grade Team