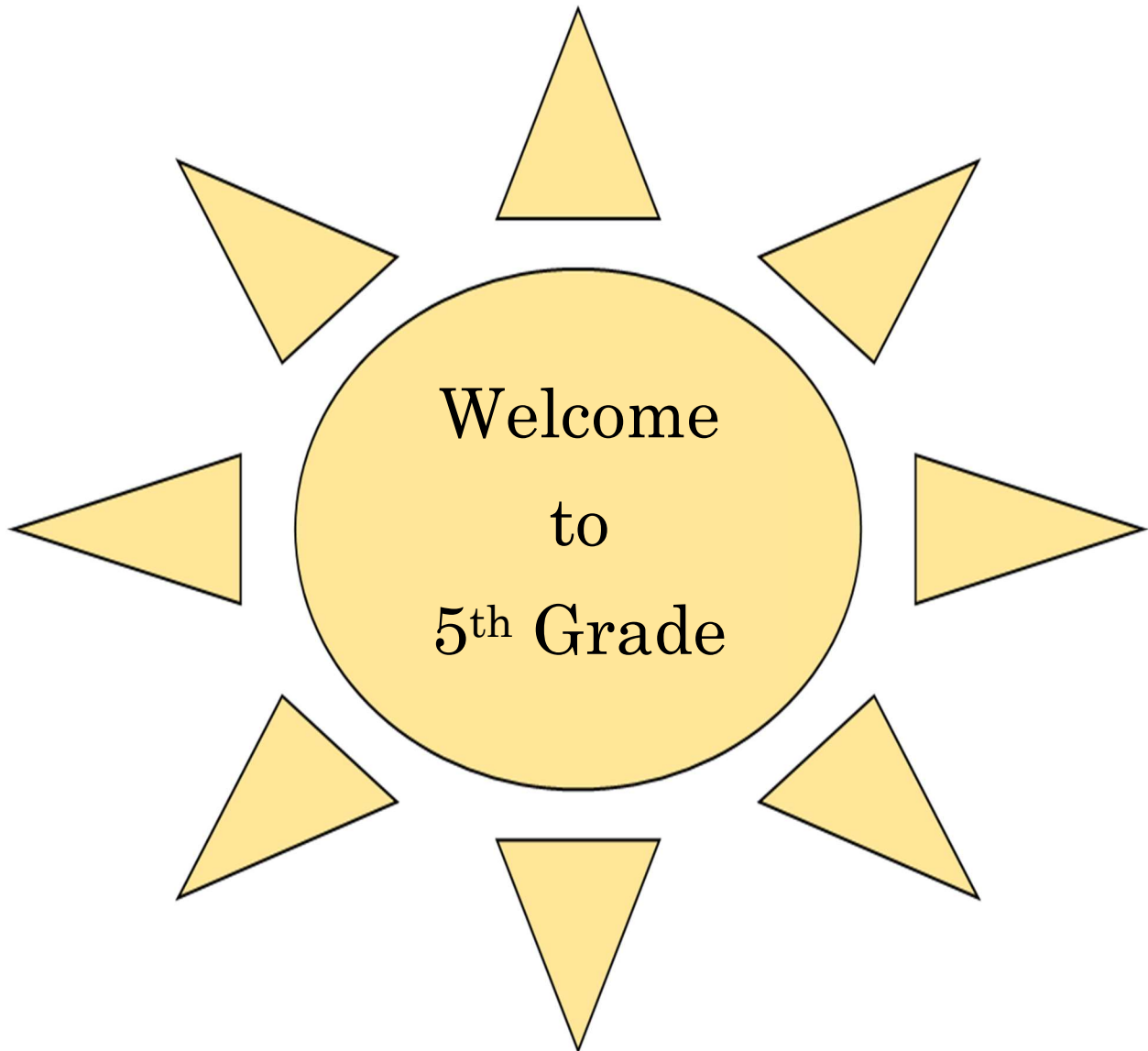


Blankner K8



**Suggested Summer Activities for
Rising 5th Graders**

Summer Support Packet for Entering Fifth

Math

Multiplication and Division Facts:

Students should be fluent with their facts. Here are some suggested activities and websites that may help get students continue recall facts and increase fluency:

www.multiplication.com/games

Practice the math facts with these fun free math **games**. Choose from hundreds of fun **multiplication**, addition, subtraction, and division **games**.

- Multiplication and Division Operations (Level 1)
http://www.softschools.com/math/arithmetic_operations/multiplication_division/1/
- Multiplication and Division Operations (Level 2)
http://www.softschools.com/math/arithmetic_operations/multiplication_division/2/
- Math Man Multiplication http://www.softschools.com/math/games/fun/math_man/multiplication/
- Math Man Division http://www.softschools.com/math/games/fun/math_man/division/
- Multiplication (many activities) <http://www.multiplication.com/games/all-games>
- Speed Grid Multiplication <http://www.oswego.org/ocsd-web/games/SpeedGrid/Multiplication/urikamultires.html>

Addition and Subtraction

- Addition and Subtraction Operations (Basic)
http://www.softschools.com/math/arithmetic_operations/addition_subtraction/basic/
- Addition and Subtraction Operations (Level 1)
http://www.softschools.com/math/arithmetic_operations/addition_subtraction/1/
- Addition and Subtraction Operations (Level 2)
http://www.softschools.com/math/arithmetic_operations/addition_subtraction/2/

Fraction Knowledge:

https://www.mathplayground.com/grade_5_games.html

Grade 5 Math Games and Activities. Factor Pair Up. Division Derby. Math Word Problems. **Fraction** Word Problems. Area Blocks. Pony Pull Division and many more!

Free printable math games that includes fraction practice and more!

<https://www.math-salamanders.com/math-games-fifth-grade.html>

Math Games Fifth Grade. Math Games 5th grade. Here you will find a wide range of free **printable Math Games** to help your child learn their **Math** facts at **5th grade** level.

Reading:

The best way to keep your child engaged in their reading instruction over summer is simply by keeping them reading. We have compiled a list of favorite books, series, and Sunshine State books that come highly recommended. We also have discussion questions for you and your child to have conversations about their reading, this is so important! To check the AR level for books to be sure they are appropriate for your child, use www.arbookfind.com.

Discussion Questions:

- After each chapter, they should be able to summarize the main events, including main characters and settings.
- What is the theme of this story? (Theme = the message; a lesson learned by a character)
- How do/does the main character(s) change throughout this story?

Book Suggestions:

- Fantasy
 - o Lightning Thief series by Rick Riordan
 - o Chronicles of Narnia series by C.S. Lewis
- Realistic Fiction
 - o Save Me A Seat by Sarah Weeks
 - o Hoot, Flush, Chomp, Scat (all by Carl Hiaasen)
- Adventure/Mystery
 - o IQ Series by Roland Smith
 - o Mysterious Benedict Society series by Trenton Lee Stewart
 - o Series of Unfortunate Events by Lemony Snicket
 - o The 39 Clues Series by various authors
 - o Framed! by James Ponti
- Magazines
 - o National Geographic
 - o Sports Illustrated for Kids
 - o Cricket

Also, for those readers who struggle with motivation, a great strategy is picking a book/movie pair to discuss the similarities and differences between the two formats!

- Chronicles of Narnia by C.S. Lewis
- Harry Potter by J.K. Rowling
- James and the Giant Peach by Roald Dahl
- Charlie and the Chocolate Factory by Roald Dahl

Writing:

We highly suggest keeping summer journals to keep your students writing over the break! These can be fun and easy, like a place for them to write about any trips you take over the summer, any big events that occur, or to write about the books they read (chapter summaries are great for struggling readers!). If they need a little inspiration to get started, here are a few prompts:

- If you could travel anywhere in the world, where would you go and why?
- What is the best book you've ever read?
- What are you most looking forward to this summer?
- What is the funniest thing that has ever happened to you?
- Write about a time that your kindness affected someone's life.

Also, consider writing letters or emails to friends and family from near and far!

Science:

Your child can read about their favorite science topics in magazines, nonfiction books, websites, etc.

Try conducting simple science experiments at home. Create a hypothesis, test your theory, draw conclusions. There are many simple, fun ideas in science lab books, Pinterest, websites, etc.

Getting familiar with science vocabulary is the most useful skill. Visit the Orlando Science Center, zoos or MOSI in Tampa.

Watch Bill Nye, National Geographic, Animal planet, Syd the Science Kid, Magic School Bus, or other science related shows.

Some fun science websites include:

- <https://science.howstuffworks.com/>
- <https://www.exploratorium.edu/>
- <http://billnye.com/mobile-home/>
- <https://www.sciencenewsforstudents.org/to>
- <https://www.brainpop.com/>
- <https://www.nasa.gov/kidsclub/index.html>
- <https://kids.nationalgeographic.com/>

STEAM:

STEAM is a big push in classrooms these days. It stands for Science, Technology, Engineering, Arts and Math. There are great ideas to keep your kids engaged in STEAM over the summer on Pinterest if you search for STEM or STEAM. There are also some great summer camps around the Orlando Area if you want to try them.

Here are a few ideas to get you started:

Use clothespins and craft sticks to design different competitions for your kids like who can build a structure that will support the most weight? Or who can build the tallest structure? The tallest structure with the fewest clothespins?

Egg Drop Challenge: can you design and build a device to keep an egg from breaking when dropped from the kitchen table? Or 2nd story window? Can you build it using only straws and tape?

Build a marshmallow launcher or a homemade catapult and have a marshmallow shooting contest.

Build your own fidget spinners and figure out how to make them spin better.

The biggest things are have fun and don't quit!! Kids need to learn stamina, how to design and redesign, and not give up!

Other great websites include: Science Kids, Engineering Interact, and The Kids Science Challenge.