

Summer Work Packet- Third Grade Students

Dear Future 3rd Grade Students and Parents,

To avoid the summer “slide”, each student is expected to engage in exciting and fun consistent math and reading practice throughout the summer break. I know many conscientious families already do this with their children. This can be done, but is not limited to the following family activities:

- Exposing your child to math practice, measurement and fractions through cooking
- Involving children in shopping experiences and the use of money. This is a difficult concept for many children with the introduction of gift cards. Shopping experiences could also be a reinforcement of healthy eating habits which are related to some science concepts.
- Playing board games and card games as this helps with problem solving, which is a much-needed skill in math and in life!
- Listen to audio books during long car rides or even at home. Ask your child questions about the book. If the books have a movie that correlates with it, watch the movie and discuss the similarities and differences between the two. Discuss opinions about both. Have your child support their opinion by relating it to the movie or book.

These are just a few suggestions to get you started. Obviously, there are great places you could visit that would encourage them to think and wonder.

As a school we are no longer requiring Think Stretch as a mandatory summer packet, so the teachers have been asked to provide required summer work that reflects practice in both the areas of math and reading. Please keep in mind that this should be consistent. Spread out the work throughout the summer. This will keep concepts fresh!

Here are the following requirements for incoming third grade students:

Reading (See details attached) **Due the first week of school**

I have included a list of third grade books. This will give you an idea of books your child may want to read. These vary in reading level, so make sure you choose a book that is appropriate for your child. You can always use the “five-finger” rule to determine the readability of a book for your child. Have them read a complete page of the book, if they cannot pronounce five or more of the words on the page, chances are the book is a little too difficult for them to read.

- Reading Log-
 - Read **EVERY** day. – Studies show children should read every day. Read in the morning, in the evening, in your car and afar! Read at least 15 minutes a day. The more students read the better readers they become. See the following study on everyday reading/reading for pleasure and student performance:
<https://www.acc.edu.au/blog/reading-comprehension-student-performance>
- “Reading Bookmark” OR “Book Report in a Bag”.

Math (See details attached)- **Due the first week of school.**

- Consistent math fact practice in addition and subtraction (Math Fact Log)
 - You can use flash cards
 - Go to mathdrills.com for printable fact sheets
 - See <https://www.rocketmath.com> for another option. This one is a subscription, but it has both printable sheets and an online game.
- Greg Tang Math Challenge

See back →

Other Information-

Areas of weakness in Math-I have just completed my 28th year as an educator. In those twenty-eight years I have taught 2nd, 3rd, and 4th grade. I just finished my 18th year in third grade. In my experience these are the math concepts that I repeatedly see as weaknesses with incoming students:

- Understanding of number sense and place value
- Quick recall of facts
- Multidigit subtraction with regrouping
- Money concepts
- Telling time on an analog clock
- Knowing geometry vocabulary

Anything that you can do to help with your child's understanding of these areas is always greatly appreciated.

God Bless you and your family,

Enjoy your summer! 😊

Marie Russo



THIRD GRADE SUMMER READING

curated by What Do We Do All Day?

Full list here: <https://www.whatdowedoallday.com/3rd-grade-summer-reading-list/>

Title	Author
<i>A Boy Called Bat</i> (series)	Elana K. Arnold
<i>Life According to Og the Frog</i> (series)	Betty G. Birney
<i>Dragons in a Bag</i> (series)	Zetta Elliott
<i>Wedgie and Gizmo</i> (series)	Suzanne Selfors
<i>Lola Levine is Not Mean!</i> (series)	Monica Brown
<i>Beatrice Zinker, Upside Down Thinker</i> (series)	Shelley Johannes
<i>Chews Your Destiny</i> (Gum Girl series)	Rhode Montijo
<i>Knights & Dinosaurs</i> (series)	Matt Phelen
<i>Once Upon a Tim</i> (series)	Stuart Gibbs
<i>Ultimate Weird but True: 1,000 Wild & Wacky Facts and Photos</i>	National Geographic
<i>Zoo in the Sky</i>	Jacqueline Mitton
<i>Poop Happened!: A History of the World from the Bottom Up</i>	Sarah Albee
<i>Just Harriet</i> (series)	Elena K. Arnold
<i>The Dragon in the Library</i> (series)	Louie Stowell
<i>Ways to Make Sunshine</i> (series)	Renée Watson
<i>Planet Omar</i>	Zanib Mian
<i>The Rez Detectives</i>	Steven Paul Judd, Tvli Jacob, & M.K. Perker



WHAT DO WE DO ALL DAY?

READ • LEARN • PLAY • LIVE

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<http://www.whatdowedoallday.com>



3rd Grade SUMMER READING

SHOP THIS LIST (<https://amzn.to/3bFyIQx>)

Graphic Novels

Cat Ninja by Matthew Cody
Mr. Wolf's Class: Mystery Club by Aron Nels Steinke
Wallace the Brave by Will Henry
Simon and Chester: Super Detectives by Cale Atkinson
Hound Heroes: Beware the Claw by Todd H. Doodler
King of the Birds by Elise Gravel
P.I. Butterfly Gone Guppy Case #1 by Karen Kilpatrick
First Cat in Space by Mac Barnett, illustrated by Shawn Harris
Dragon Kingdom of Wrenly by Jordan Quinn
Great Puptective by Alina Tysoe

Realistic Books

Sarai and the Meaning of Awesome by Sarai Gonzalez & Monica Brown
Stella Diaz has Something to Say by Angela Dominguez

Ellie, Engineer by Jackson Pearce
Planet Omar by Zanib Mian
Mindy Kim and the Yummy Seaweed Business by Lyla Lee
Stink and the Shark Sleepover by Megan McDonald
Leeva at Last by Sara Pennypacker

Adventure & Mystery Books

I Survived the San Francisco Earthquake by Lauren Tarshis
Trapped in a Video Game by Dustin Brady
Word Travelers and the Taj Mahal Mystery by Raj Haldar
Mac Undercover by Mac Barnett
Secret Agent Jack Stalwart by Elizabeth Singer Hunt
The Great Shelby Holmes by Elizabeth Eulberg
P.I. Butterfly Gone Guppy Case #1 by Karen Kilpatrick





Fantasy Books

Dragons in a Bag by Zetta Elliott
Whatever After by Sarah Mlynowski
Pip Bartlett's Guide to Magical Creatures by Jackson Pearce & Maggie Stiefvater
Bob by Wendy Mass and Rebecca Stead
Pizazz by Sophy Henn
Dragons of Ember City by Shane Richardson and Sarah Marino
Star Wars Jedi Academy by Jeffrey Brown
Dragon Kingdom of Wrenly: The Coldfire Curse by Jordan Quinn

Funny Books

Doodle Adventures by Mike Lowery
The 13-Story Treehouse by Andy Griffiths
Stinkbomb and Ketchup-Face and the Badness of Badgers by John Dougherty
Cat Kid Comic Club by Dav Pilkey
Monday into the Cave of Thieves by Ralph Lazar
Bad Kitty Supercat by Nick Bruel
Two-Headed Chicken by Tom Angleberger
Bunny and Clyde written by Megan McDonald

Animal Stories

Jenny and the Cat Club by Esther Averill
The Critter Club by Callie Barkley and Marsha Riti
Olga and the Smelly Thing From Nowhere by Elise Gravel
Dolphin Rescue by Catherine Nichols
What Makes a Monster? by Jess Keating
Who Would Win: Ultimate Jungle Rumble by Jerry Pallotta
Squirrelish: The Girl in the Tree by Ellen Potter
Unicorn Academy: Sophia and Rainbow by Julie Skyes

Nonfiction Books

Escape This Book Tombs of Egypt by Bill Doyle
The Inventors of LEGO Toys by Erin Hagar
The Toad by Elise Gravel
Strange But True! DK
Rocket to the Moon by Don Brown
What If You Had an Animal Nose!? by Sandra Markle
Stone Age Beasts written by Ben Lerwill
What's Inside a Caterpillar Cocoon? and Other Questions About Moths & Butterflies by Rachel Ignotofsky



Summer Book Project- Third Grade Students

Choose one of the following to complete before the first day of school-

Book Report in a Bag



[Montgomery Avenue Elementary School/book reports via psdispatch.com](https://psdispatch.com)

With book reports in a bag, students read a book and write a summary. Then, they decorate a paper grocery bag with a scene from the book on the front (include a caption), place five items that represent something from the book inside the bag, place their summary on the back and present the bag to the class the first week of school. The summary should be attached

Bookmark (See attached template)

Students create a custom illustrated bookmark that includes drawings and information from the book. See template on the following page.

Bookmark Template-

You do not need to use the following template if you want to create your own, but make sure you include the same information on your bookmark that is written on the one below-

FRONT **(Add illustration from story)**

Title of Book

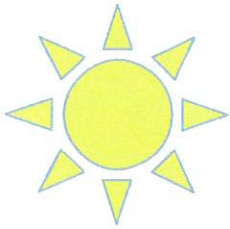
Author

BACK

Short Plot of Story-

Main Character(s) with short description

Glue the front and back together. Add a tassel or ribbon. DON'T FORGET YOUR NAME!



Tang Math Summer Fun!



Summertime!					
Play Coin Bubble	Play How Much How Many	Play NumTanga Level 1, 2, & 3	Play Missing (-) Combo (easy level)	Complete Tangy Tuesday Puzzle Pack	Play Kakooma + (Play or Compete 6)
Play BreakApart Make 10 (easy level)		Play Missing (-) Combo (easy level)		Play Ten Frame Mania	Go to level 4!
Play Expresso 3 Number (+ -)		Play Math Limbo (Learn Mode)			
		Read & Play Math Appeal			

- Find games and activities at TangMath.com
- Play each game for 15 minutes
- Try to complete each level with no errors
- Play the harder levels if activities are too easy
- Move to the previous game board if you get stuck
- Get help from an adult or family member
- Sign up to win prizes for each level you complete

Level 3 Game Board
TangMath.com

Recommended Websites and Apps

Free websites:

Name	Website
Greg Tang Math	gregtangmath.com
Calculation Nation	http://calculationnation.nctm.org/
Illuminations	http://illuminations.nctm.org/
Mathbreakers	https://mathbreakers.com
Addition & Subtraction Math Magician	http://www.oswego.org/ocsd-web/games/Mathmagician/math sadd.html http://www.oswego.org/ocsd-web/games/Mathmagician/mathssub.html
Fact Monster (flashcards)	http://www.factmonster.com/math/flashcards.html

Apps:

- Match 10 - Combinations of 10
- Name that Number - Also known as Target, using addition & subtraction to reach a target number
- Kakooma - addition challenges in puzzle format
- King of Math - Various types of math problems
- Thinking Blocks – Model and Solve Word Problems – Addition and Subtraction
- Hungry Fish – addition and subtraction
- Match – fluency
- Bounce
- Gate

Resources for word problems and math facts:

Create and Print Worksheets: www.mathfactcafe.com or math-aids.com

Word Problem Generator: gregtangmath.com

Optional Practice - Not Required

TANGY TUESDAY PUZZLE PACK

Fun brain puzzles that make you smarter!

The collage features several overlapping puzzle worksheets:

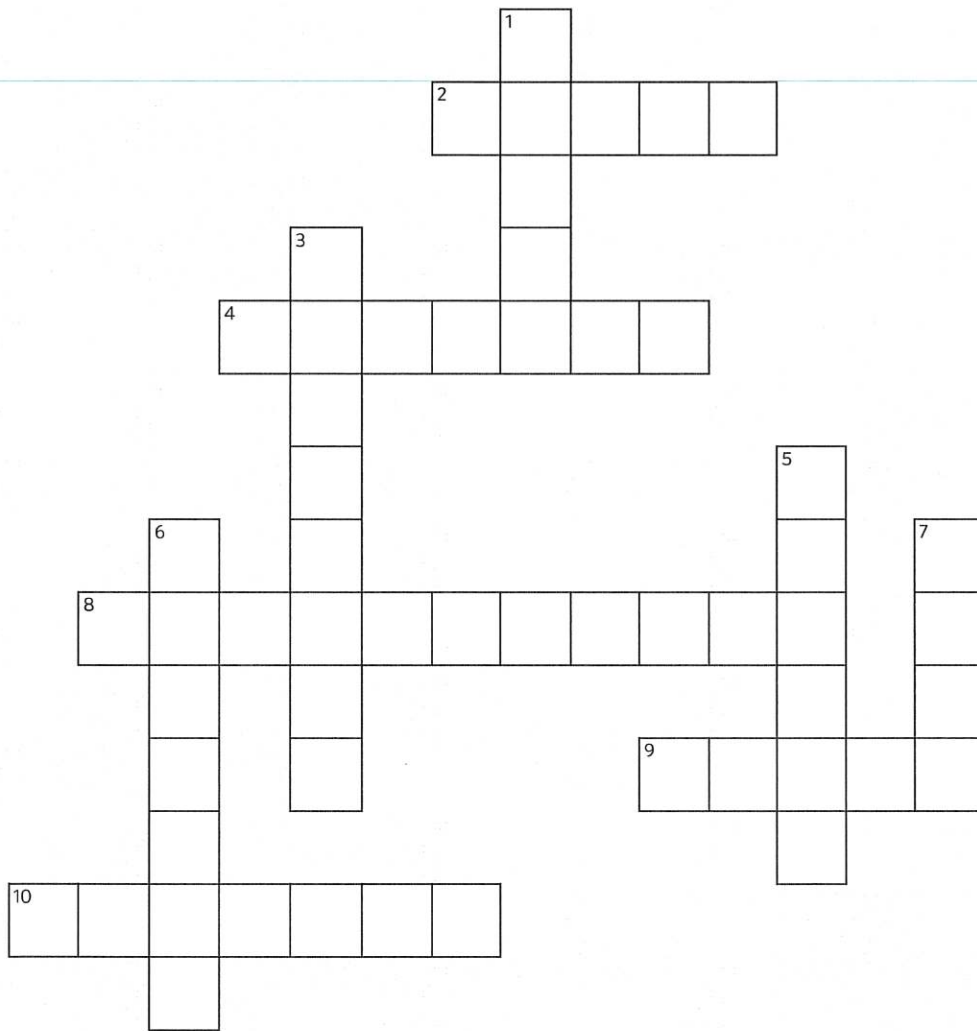
- Numskill™ ADDITION**: A worksheet with a grid for numbers 1-9 and a section for solving addition problems. One problem shows a grid with the number 6 and a hand icon, followed by the word "twenty" and a blank box for the answer.
- NumTanga™ NUMBERS TO 20**: A worksheet with a grid for numbers 1-9 and a section for solving problems. One problem shows a grid with the number 7 and a hand icon, followed by the word "fifteen" and a blank box for the answer.
- DigiCross™ 3RD GRADE**: A crossword puzzle with a grid and a list of words: greater, width, rhombus, perimeter, ninety, area, twelve, sixty, tens, thirds. The puzzle includes clues for "ACROSS" and "DOWN".
- Takooma®**: A worksheet with a grid for numbers 1-9 and a section for solving problems. One problem shows a grid with the number 13 and a hand icon, followed by the word "four" and a blank box for the answer.

Math Centers
Teaching Activities
Homework
Early Finishers
Fun Reward Games

Created by

GREG TANG MATH

store.gregtangmath.com



greater ninety-nine four fifteen twenty eight quarter hundreds fifty meter

ACROSS

- 2. 2 quarters = ____ ¢
- 4. one of 4 equal parts
- 8. $50 + 30 + 19$
- 9. 1 ____ is longer than 1 centimeter
- 10. 459 is ____ than 338

DOWN

- 1. $14 - 6$
- 3. $819 = 8 \text{ ____} + 1 \text{ ten} + 9 \text{ ones}$
- 5. $627 = 600 + \text{ ____} + 7$
- 6. 3 rows of 5 cans are ____ cans
- 7. ____ + 8 = 12

Snake

2.1.10

Name: _____

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Fill in each blank box in order, combining the numbers from the previous two boxes.

19	-3		-5		-7		+16	
								-19
	+13		+3		-8		+9	
-6								
	-4		-1		-1		+11	17

4		+13			-3	
+9		-16		-9	+8	+10
-6		+8		+1	-9	+2
	+2				+6	20

NumTanga™


2.1.10

Name: _____


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In each empty box, write the matching value between adjacent cards.

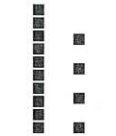
28	10+9
	fifteen


19


12	10+4
	nineteen

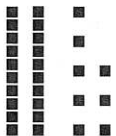
16	10+7
	twenty eight


29	10+3
	seventeen

17	10+1
	twenty four

18	20+9
	eleven

13	20+8
	fourteen

21	20+4
	twenty nine

19	20+1
	eighteen

Kakooma[®] Plus

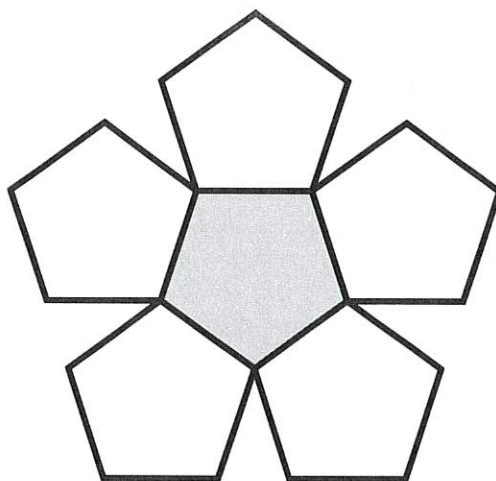
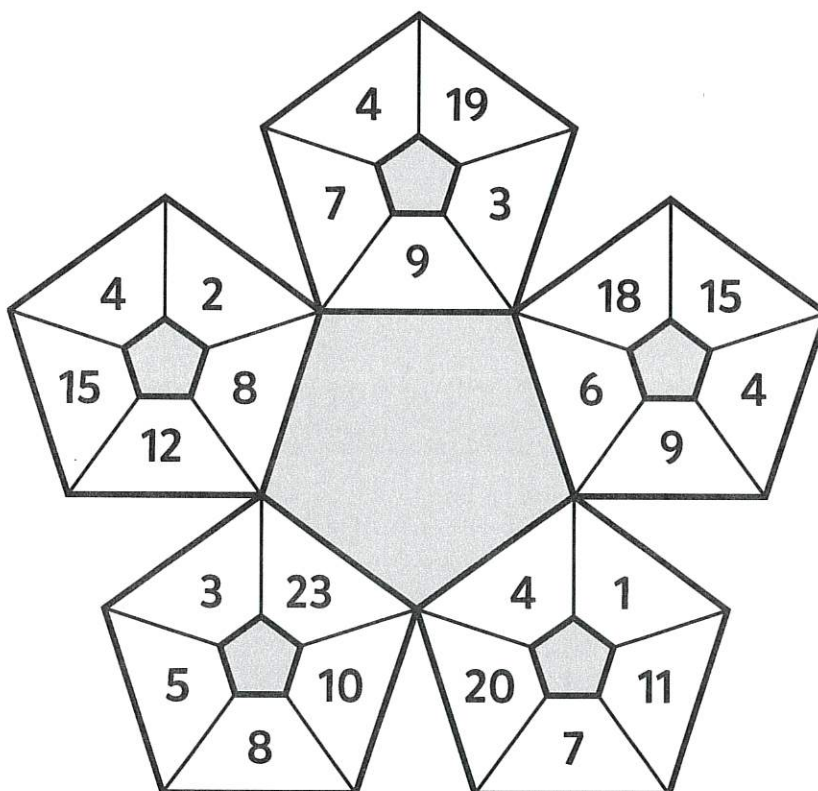
2.1.10

Name: _____

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Puzzled? In each 5-number pentagon, find the number that is the sum of 2 other numbers. Use all 5 sums to create 1 final puzzle and solve.



Final
answer:

Equato™

2.1.10

Name: _____

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Fill in the empty boxes to make every horizontal and vertical equation correct. Use the correct order of operations and read left to right and top to bottom. Use every number in the number bank once.

NUMBER BANK

1 2 3 3 4 4 5 5

4	=		-	2	+	
+		-		=		=
	+	3	=		+	1
=		+		-		+
	+		=	1	+	5
+		=		-		-
	+		=	2	+	5