Lower School
GRADE 3 SUMMER MATH CALENDAR

CHARLOTTE CHRISTIAN SCHOOL
veritas tota | homini toti

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
100 is the answer. What could the question be? Challenge yourself to think of more questions.	Solve the problems and explain how you got the answers. $15 + 6 = 13 + \_\_\_\_$ $\_\_\_ + 8 = 17 + 10$ $14 + 23 = \_\_\_ + 21$	A can has the shape of a cylinder. Find and write down things in your house and outside that have the shape of a cylinder.	Add the ages of all the people who live in your house. What is the sum? Write an equation.	**THINKING BLOCKS** Model drawing practice (addition)
Count all the books in your room!! Can you count all the books in your house? Is there a way to make a good estimate? Create a survey for favorite day of the week. Ask at least 20 people. Create a graph to show your results. Draw a design that has symmetry.	Create a survey for favorite day of the week. Ask at least 20 people. Create a graph to show your results.	Draw a design that has symmetry.	Estimate how long it will take you to do 100 jumping jacks. Did it take more or less than 5 minutes. Record your time and compare it with a friend's.	**NUMTANGA** Number sense game
Choose an object and see if you can make a collage picture of it using basic shapes. Can you make a collage of a car? house? cat? How realistic can you make it? Can you make a self-portrait?	Find 20 coins in your house. How much are they worth? Is it more or less than $3. How much more or less?	Find 5 ways to make $1 using quarters, dimes, nickels, and pennies. Draw pictures of the coins and equations to match.	Find something symmetrical inside your house and outside your house. Draw all the lines of symmetry.	**THINKING BLOCKS** Model drawing practice (fractions)
Flip a coin 10 times and record your results. Flip the coin another 10 times. Compare the results. What do you notice? What do you think might happen if you flip the coin another 10 times. Try it!	How many days until school starts? How many days of summer have you had?	How many days until your birthday?	How many different ways can you cut a sandwich into fourths? Try it with real or paper sandwiches.	**NUMTANGA** Number sense game

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How many times can you hop on your left foot in a minute? Your right foot? Compare the number of hops using the symbols <, >, =. What's the difference? Test other people in your family!	How many hours until the first day of school?	I have 7 marbles. I want 19 marbles. What do I need to do? I have 13 apples, but I only want 5. What do I need to do?	If you start playing a game at 8 a.m. and play for 1 and a half hours, what time is it when you are done? How do you know?	THINKING BLOCKS Model drawing practice (multiplication)
Look at an analog clock. What time is it? How many minutes until the next hour?	Write 5 ways to make 30 cents. Draw the coins to show your thinking and write number sentences.	Make a rectangular prism using toothpicks and mini marshmallows. What other 3-D shapes can you make? Can you draw them?	Real-life math activities: go grocery shopping and compare prices per pound, count change and measure ingredients.	NUMTANGA Number sense game
Practice counting forward and backward by 2's, 5's and 10's from ANY number. Can you do it while patting your head and rubbing your tummy?	The answer is 130. What is the question?	What day of the week is it? What is the date? What was the day and the date 2 days ago? What will tomorrow's day and date be? What day and date will it be in 1 week? 2 weeks? 4 weeks?	What would your house look like if it were only two inches high? Or a 4 foot long ant? Make a model of something as accurately as you can. What math did you need to use?	THINKING BLOCKS Model drawing (word problem) practice
Practice counting forward and backward by 3's and 4's and from ANY number. Can you do it while patting your head and rubbing your tummy?	Write down 10 numbers between 11-99. Subtract 10 from each number. Write the equations. Write down 10 numbers between 110 and 199. Subtract 10 from each number. Write equations.	The answer is 130. What is the question?	What are the ages of each person in your house. Add 10 to each person's age. Now add the new ages together. What is the sum?	NUMTANGA Number sense game