Dear Richmond Families of **incoming 3rd graders,**

May the Math Curse be with you!!! Find math in your everyday world. It’s everywhere - in your kitchen, in money, on the calendar and clock, in weather, in stores, even at the beach or pool!

Let’s keep our math skills sharp this summer to combat summer loss. Shade in each activity your child completes on the summer math calendar. It’s okay if you change around the days ;) Students who complete at least 20 will earn a CARES star and be recognized at the September CARES assembly. Have fun with math!

Contact me if you have any questions or need help. Thank you for your support!

*Jeanne Garr, Math Specialist, Richmond Elementary School*  *jeanne.garr@chariho.k12.ri.us*

Here are some great websites for **new third graders** to have fun with math:

1. ***gregtangmath.com*** Choose Games.

Play “Kakooma,” “Numtanga,” or “CoinBubble.”

2. ***illuminations.nctm.org*** On the right side, type the name of the activity in the search box.

Play “Deep Sea Duel,” “Concentration,” “Bobbie Bear,” “Bunny Times,” and “Patch Tool.”

3. ***abcya.com*** Click on *grade 2*. Choose *Numbers.*

Choose different games to play.

4. ***mathplayground.com*** Click on “Math Games.” Then click on Grade 2.

Choose different games to play.

5. ***factmonster.com/math/flashcards*** - practice your facts! Games to choose as well.

Summer JULY Math Calendar - *Entering Grade 3*

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gr. 3 Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shade in the boxes you completed. Have a parent sign at the bottom of the sheet. Bring in the calendar the first week of school.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| ***2***  Use a calendar. How many days until school starts on September 4th? Enjoy your summer!! | ***3*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***4*** How many ways can you make 28¢ using pennies, nickels, dimes, and quarters? Make a list. | ***5*** With chalk, make a repeating pattern design on a sidewalk or driveway. Draw the 1st 10 figures. Predict the 15th shape, the 20th. Now check. | ***6***  Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| ***9***  Survey friends and neighbors to find out their favorite flavor of ice cream. Graph the results. | ***10*** Estimate the width of your kitchen table in inches. Now measure. What is the difference between your estimate and the actual answer? | ***11*** Choose 3 digits. In the sand at the beach, write all the numbers you can make with those digits. Put them in order. Which are odd, which are even? | ***12*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***13*** Count by 2’s while doing jumping jacks. Take a rest. Now try it while you count backwards by 2’s from 200. |
| ***16*** There are some girls, some chairs, & some tables in a room. There are 26 legs. Draw pictures to show different ways that could be. | ***17*** Play a strategy game like Othello or Checkers. What kind of strategies did you use? Did they work? What will you try next? | ***18*** Use sidewalk chalk to count by 3’s down the length of your driveway or sidewalk. How high did you get? | ***19*** The answer is **100**. What is the math question? Challenge yourself to think of many different questions. | ***20*** How many different ways can you cut a sandwich into fourths? How about thirds? Use a real or paper sandwich. |
| ***23*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***24*** Add the ages of all the people who live in your house. What is the sum? Write an equation. | ***25*** Make a rectangular prism using toothpicks and mini-marshmallows. What other 3-D shapes can you make? Can you draw them? | ***26*** Find 5 ways to make $1.00 using quarters, dimes, nickels, and pennies. Draw pictures of the coins and equations to match. | ***27*** Count all the books in your house! |
| ***30*** How many times can you hop on your left foot in 1 minute? Your right foot? Compare using >, <, or =. Test other family members. | ***31*** What is the temperature today? How far is it from 100 degrees? How far is it from 32 degrees? | Invent your own math activity on any day. Explain it in the next empty box-> |  |  |

Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Summer AUGUST Math Calendar - *Entering Grade 3*

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gr. 3 Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shade in the boxes you completed. Have a parent sign at the bottom of the sheet.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Invent your own math activity on any day. Explain it in the next empty box-> |  | ***1***  Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***2*** Set the table for dinner. Find the total number of plates, glasses, forks, knives, & spoons. Write an equation to show how you figured it out. | ***3*** Palindromes are numbers that are the same forwards & backwards, like 121. How many can you write in the sand or with chalk? |
| ***6***  Find 20 coins in your house. How much are they worth? Is it more or less than $3.00? How much more or less? | ***7*** Do a Sudoku puzzle in the newspaper or online. (Sunday Prov. Journal has as kids version each week in the comics section) | ***8*** Play “Addition War.” Split a deck of cards. Each player turns over 2 cards. Add your 2 cards. The highest sum gets the cards. J=11, Q=12, K=0, A=1. *Or SubtractionWar* | ***9*** The answer is **130**. What is the question? Write as many challenging questions as you can. | ***10*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| ***13*** Practice counting forward & backward by 2’s, 5’s, & 10’s from any number. Do it while jumping on 1 foot. While patting your head & rubbing your tummy? | ***14*** How many days until your next birthday? | ***15*** Estimate how many of your steps from your house to your friend’s house. Now walk & count your steps. Were you close? How close? | ***16*** Find foods that are in the shape of circles, triangles, squares, and rectangles. Make a list next to each shape. | ***17*** Find something symmetrical in your house or outside. Draw it. Draw all the lines of symmetry. |
| ***20*** Play “10 Questions.” 1 person thinks of a number between 1 & 100. Other person asks 10 yes or no questions to guess the number. (ex.Is it odd? Is it > 50?) | ***21*** Flip a coin 10 times & record your results. Flip another 10 times. Compare the results. What do you notice? What do you predict will happen if you do it again? | ***22***  In the water, jump up & down (going underwater each time you go down). How many times can you go up & down in 1 minute? | ***23*** Do 3 different math games on mathplayground.com. Which was easiest? Which was challenging? | ***24*** Find 4 different cans of food in your kitchen. How much does each weigh? What is the total weight of all 4 cans? |
| ***27*** Roll 2 dice and add. Record the sum. Do this 20 times. What sum did you get the most often? Why? Graph your results. | ***28*** Jump rope and count by 10s. How high can you go? Now try counting backwards by 10s. | ***29*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***30*** What time is it now? (use a clock with hands) What time will it be in 30 minutes? What time was it 30 minutes ago? | ***31*** See you at school on September 4th! Give your completed calendar to your teacher. Thank you! |

Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_