Dear Richmond Families of **incoming 4th 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 fourth graders to have fun with math:

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

Play “Kakooma” or “Numtanga (Measurement, Fractions, Money)”

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

Play “Deep Sea Duel” “Concentration,” “Bunny Times,” “Primary Krypto,” “KenKen,” “Times Table,” and

“Product Game.”

3. ***abcya.com*** Click on grade K or 1. Choose Numbers.

Choose different games to play.

4. ***Mathplayground.com*** Click on “Math Games.” Then click on Grade 1.

Choose different games to play.

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

Summer JULY Math Calendar - *Entering Grade 4*

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gr. 4 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.

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| --- | --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| ***2***  Use a calendar. How many days until school starts on September 4th? Enjoy your summer!! | ***3*** Find 20 coins in your house. How much are they worth? Is it more or less than $3.00? How much more or less? | ***4*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***5*** Play “Multiplication War.” Split a deck of cards. Each player turns over 2 cards. Multiply your 2 cards. The highest product gets the cards.J=11, Q=12, K=0, A=1. | ***6***  Get a grocery receipt. Round each amount to the nearest dollar. Add your rounded amounts. How far is it from the actual total? |
| ***9***  Predict how many times you can jump rope or hula hoop in 1 minute. Now do it. How close was your prediction? | ***10*** The answer is **200**. What is the question? Write as many challenging equations as you can. Use +, -, x, and ÷ | ***11*** What is your age in months? How about weeks?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***12*** Go on a road trip. Write down the miles on the odometer when you leave & when you get home. How many miles did you travel? | ***13*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| ***16*** How many different ways can you cut a sandwich into fourths? How about thirds? Use a real or paper sandwich. | ***17*** Find something symmetrical in your house or outside. Draw it. Draw all the lines of symmetry. | ***18*** Get a take-out menu from a restaurant. Plan the meal for you or your family. What is the total cost? | ***19*** Do a Sudoku puzzle in the newspaper or online. (Sunday Prov. Journal has as kids version each week in the comics section) | ***20*** Pedal your bicycle 10 times. How far did you get? Predict how far you will go with 100 times. See if you are close to your prediction! |
| ***23*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***24*** Take turns with a friend skip-counting by 3’s as far as you can, or until you are really tired. How about by 7’s? | ***25*** What time is it now? (use a clock with hands) What time will it be in 45 minutes? What time was it 2 hours 30 minutes ago? | ***26*** In the sand, draw a design with 2 trapezoids,  2 rhombuses, 2 hexagons, 2 rectangles, and 2 squares. | ***27*** In the water, jump up & down (going underwater each time you go down). How many times can you go up & down in 1 minute? |
| ***30*** Play a strategy game like Connect Four or Othello. What is your strategy? Will you change it next time? | ***31*** How many right angles (90 degree angles) can you find in one room of your house? | Invent your own math activity on any day. Explain it in the next empty box-> |  |  |

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

Summer AUGUST Math Calendar - *Entering Grade 4*

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gr. 4 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***  Count by 100’s while you do jumping jacks. How high can you go? Have an adult listen to be sure you are counting correctly. | ***2*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***3*** Find a box. Measure the length & width of the box top. If a stamp is 1 inch by 1 inch, how many stamps will cover the box? |
| ***6***  Do 3 different math games on *mathplayground.com*. Which was easiest? Which was challenging? | ***7*** If Abigail painted 400 fingernails, how many people had their nails painted?  \_\_\_\_\_\_\_\_\_\_\_\_\_ | ***8*** Make a table to record the high temperatures for the next 7 days. What do you notice? What is the difference between the highest & lowest? | ***9*** Roll 3 dice. Add, subtract, multiply, or divide the 3 numbers (ex. 3 x 2 + 5 = 11). How many different answers can you get? Make up a game using this idea. | ***10*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| ***13*** How many ways can you make $1.00 using quarters, dimes, and nickels (no pennies)? Record your list. | ***14*** With sidewalk chalk, draw pictures that have symmetry. Can you draw shapes that have more than 1 line of symmetry? | ***15*** The answer is 32. What is the question? Think of some story problems for each operation: +, -, x, and ÷ | ***16*** Road trip! Write down the numbers from 1 to 100. Check off each number you see looking out the car windows. | ***17*** While you are skipping down the sidewalk, count by 4’s to 100. How many skips? Do it again, counting by 5’s. How many skips? |
| ***20*** Use 20 toothpicks to make different rectangles with a perimeter of 20 toothpicks. What would the area of each rectangle be in square units? | ***21*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***22***  Make a half-gallon of lemonade. Predict how many cups you can fill. Check. If you charged 25¢ a cup, how much money would you make? | ***23*** Time how many seconds it takes to run around your home outside. If you did it 10 times, how many minutes and seconds would it take? | ***24*** Estimate how many pieces of cereal are in ¼ cup. Count the pieces. Estimate how many ¼ cups fit in your cereal bowl. |
| ***27*** Estimate the population of Providence, of Rhode Island, of the USA, of the world. Now look up the real numbers.Are you surprised? | ***28*** Pick a 2-digit number. Multiply by 10, then subtract the original number. Is the number a multiple of 9? Try it 4 more times. | ***29*** How many hours until school starts?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***30*** Pick a math activity on the computer from the website list. Write down what you did.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | ***31*** See you at school on September 4th! Give your completed calendar to your teacher. Thank you! |

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