

Incoming **First** Graders Summer Math Challenge

Choice Board

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| <p>*#1. Collect a number of different types of objects, such as shells or rocks. Have your child sort them by size, shape and color. Glue the objects onto cardboard and label how they were sorted</p> | <p>#2. Start collecting pennies in a "Family Penny Jar". Practice counting them together on a weekly basis. Challenge your child to count them by 5 and tens as well.</p> | <p>#3. Encourage your child to figure out answers to real-life situations. "We have one can of soup, but we need five. How many more do we need to buy?"</p> | <p>#4. Help your child survey family members and friends about their favorite flavor of ice cream. Together, find a way to show the data, such as a tally chart, a bar graph, or a pictograph.</p> |
| <p>#5. Practice counting forward to 100, and vary the starting number. Remember to practice counting back.</p> | <p>#6. Together, make up addition and subtraction number stories. Solve them. Share solution strategies.</p> | <p>#7. Guess how many raisins are in a mini-box, how many chips are in a cookie, or how many grapes are in a bunch. Then count while eating.</p> | <p>#8. Play math educational games on the computer: www.kids , numbers.com www.cool , math4kids.com www.fun , brain.com</p> |
| <p>#9. Have your child practice counting backward when you cook food in the microwave oven. Assist your child to set the time, then count down to 0.</p> | <p>#10. Play a game that involves mathematical thinking, such as: <u>Chutes & Ladders</u>, <u>Hi Ho! Cherry-O</u>, <u>Trouble</u> <u>Connect Four</u>, <u>Jigsaw Puzzles</u> <u>Memory</u></p> | <p>#11. Take this opportunity to cook or bake with your child. Read a recipe and measure the ingredients together. Have fun!</p> | <p>#12. Count the steps needed to walk from the sidewalk to the front door. Count as you are walking up the steps. Challenge yourself by counting the steps by 2, 5, or 10.</p> |
| <p>#13. Recycling is good for the environment. Count the number of cans, plastic bottles, boxes and newspapers you collect for recycling in one week.</p> | <p>#14. Use your feet to measure a room in your house. Then have someone else measure the same room with their feet. Compare the measures and discuss the differences.</p> | <p>#15. Practice reading, writing, and saying your address and phone number, as well as your birthday.</p> | <p>#16. **Over the next 2 weeks, use tally marks to record how many sunny, cloudy, and rainy days there are. What do you notice about the results, what had the most, what had the least?</p> |
| <p>#17. Use the family calendar to discuss the number of months in a year, weeks in a month, and days in a week. Count how many days, it is until a special event.</p> | <p>#18. Visit your local library or book store and read books that have mathematical concepts, such as: <u>Chicka Chicka</u> <u>1.2.3</u> By Bill Martin Jr.</p> | <p>#19. Have your child create a number line (0-20) outside with sidewalk chalk. Call out a number and have your child jump, hop or skip to that number.</p> | <p>#20. Look for different shapes throughout the grocery store: Cylinders (cans), Rectangular prisms (cereal boxes)... and record answers or amounts</p> |

Child's Name: _____ New Class #: _____ Parent/Guardian Signature _____