

# Summer



# Packet

## For Students Entering Fourth Grade

This packet contains math activities for the students to do with his/her parents or guardians. Please remember that this packet is for the continued learning of the student and each child is expected to complete it. Students, along with the assistance of an adult, are to complete 12 of the following 17 activities and document the activities in a notebook. Students are to answer the following questions for each activity:

1. Date completed
2. Which activity did you complete?
3. Who participated in the activity with you?
4. Write 3 sentences summarizing the activity and what type of problems were completed.
5. Was it fun? If there was a winner, who won?
6. If you took a picture of the activity, place it below your journal entry.

\*\*The completed notebook is due the first Friday of school to the fourth grade math teacher.

# Math Activities and Games

- Play Battleship
- Have your child sort the coins in his/her piggy bank and roll/count the money.
- Use sidewalk chalk to solve problems (two-three digit addition problems, two-three digit subtraction problems, or multiplication facts 1-12) and draw polygons.
- Play Math hangman- use words that are appropriate for your child. Before he/she can guess a letter, have him/her answer a math question. Again, gear it to your child's level- solve an two-three digit addition problems, two-three digit subtraction problems, or multiplication facts 1-12.
- Practice math facts 1-12 with flashcards. (Have the adult time the child and try to complete 20 facts in 1 minute to prepare for fact drills in the 4<sup>th</sup> grade.)
- Play games- checkers, chess, Yahtzee, Monopoly, Dominoes
- Play Sudoku- use a book of Sudoku
- Cook/Bake with your child and talk about cups, ounces, tablespoons, etc. (a great way to practice measuring and work with fractions.
- Figure out the starting/ending time when cooking. (elapsed time)
- Ask your child what time it is on an analog clock several times throughout the day. (They need to answer correctly 10 times to be able to document the activity.)
- After dinner, practice, camp, movies, etc., give your child the starting and ending times and ask him/her how long it took.
- If you are at the beach or in a sand box, have your child solve math problems (two-three digit addition problems, two-three digit subtraction problems, or multiplication facts 1-12) or draw polygons.
- Guess the number- One person picks a number and the others try to figure out the number using as few questions as possible. (So, you want to ask questions that eliminate large groups of numbers. For example, is it even? Is it less than 50?)
- Weigh fruits and vegetables in the store.
- Measure your child and discuss inches, feet, meters, centimeters.
- Pay for items and figure out the change that you should get back.
- Find the area and perimeter of your yard, room, garden, etc.