The Math Department

Carrigan Intermediate School consists of 20 - 5th grade classes and 20 - 6th grade classes. There are 10 Grade 5 Math Teachers and 10 Grade 6 Math teachers. We have two Math Facilitators, Lynn Bonaldo and Mona Solano, along with 4 math aides. The main job of the math facilitators is to assist the teachers in creating and implementing lessons that will incorporate skills that the students will need to master their grade level. In addition, we will support the teachers with lessons, strategies, and activities that will, in turn, help the students become better learners. The math aides will assist the teachers during their SRBI periods, working with individual students or in small groups. For example, they could be working on math facts, mathematical algorithms, reinforcing the lesson taught, etc.

5+ Ways Parents Can Help with Math

It can be easy to forget that math is more than addition and subtraction worksheets, school classes and memorized facts. Try to look for ways to show how math is such an important part of our everyday lives: cooking and shopping, art and music and computers – it’s all math.

Here are some ways parents can help their kids connect and practice math in “real life.”

1. Have your child count down the time (weeks, days and/or hours) to a special day or holiday
2. Have your child measure ingredients for a recipe you are making
3. Encourage your child to track or graph scores or stats for a favorite sports team
4. Ask your child to count the change at the grocery store, or to estimate the total cost while you are shopping. Or, with older kids, to help track the family budget.
5. Explain what you’re doing whenever you use a measuring tape, a scale, or a ruler. Ask for your child’s help.

Fun Math Facts

- The numerical digits we use today such as 1, 2 and 3 are based on the Hindu-Arabic numeral system developed over 1000 years ago.
- Different names for the number 0 include zero, nought, naught, nil, zilch and zip.
- The smallest ten prime numbers are: 2, 3, 5, 7, 11, 13, 17, 19, 23 and 29.
- 2 and 5 are the only prime numbers that end with a 2 or a 5.
- What comes after a million, billion and trillion? A quadrillion, quintillion, sextillion, septillion, octillion, nonillion, decillion and undecillion.
- The name of the popular search engine ‘Google’ came from a misspelling of the word ‘googol’, which is a very large number (the number one followed by one hundred zeros to be exact).
The 5th and 6th grade students at Carrigan are not only busy with classroom academics; they just wrapped up NWEA Testing. The results from the Fall NWEA Benchmark helps pinpoint the strengths and weaknesses of each individual student so that the teachers can better support them in the classroom during instruction.

All 5th grade students have finished Unit 1 - Geometry and are about half way through Unit 2 - Fractions – all operations. 6th grade students have on their way to finishing Unit 1 – Number System and then will begin Unit 2 – Ratio and Rates.

Units of study for the school year 2019-2020

**6th Grade:**
- Unit 1-Number System
- Unit 2-Ratios & Rates
- Unit 3-Expressions & Equations
- Unit 4-Geometry
- Unit 5- Statistics & Distribution

**5th Grade:**
- Unit 1-Geometry
- Unit 2-Fractions
- Unit 3-Place Value System
- Unit 4-Computing with decimals & whole numbers
- Unit 5-Project Based

We would like to invite all of you to our Family Night on November 14, 2019 from 6 pm – 8 pm. Look for the flier coming home soon.

**Strategy of the Month:**

*Your brain is an organizer. It organizes information as it stores that information. When a problem involves many pieces of information, your brain will have an easier time sorting through it if you make an organized list. A list helps you be sure you have thought of all of the possibilities without repeating any of them. Like drawing a picture or making a diagram, making an organized list helps your brain "see" the problem clearly and find a solution. Try making an organized list to solve this problem:*

Tickets for the concert cost $12 for adults or teenagers and $6 for children. If the group has $60, how many adults or teenagers and how many children could go?

Answer_______________________________________________________________________

Parent Signature________________________________________________________________

Student’s name and room number________________________________________________

Sometimes the hardest part of solving a problem is just getting started. Having some steps to follow may help you.

1. Understand the information in the problem and what you are trying to solve.
2. Try a strategy you think might help you solve the problem.
3. Find the solution using that strategy or try another way until you solve the problem.
4. Check back to make certain your answer makes sense.