

St. Lukes Lutheran School

Course Title: 5th Grade Mathematics

Instructor: Inge Franco

Textbook: *Harcourt Math*

Grading Scale: School Policy

About the Teacher: I received my degree in teaching from Johannes Gutenberg University in Mainz, Germany. I hold a so-called “Staatsexamen for Teaching in Secondary Schools” which compares to a Masters degree in Education. My majors are English and French and I have a minor in Latin. During my student years I tutored elementary students in German, math and social studies. After graduating I taught English and French for two years in Germany. My first teaching job in the U.S. was at Grymes Memorial School, teaching French to Pre-K through 8th grade. I took a four year break from teaching after the birth of my two daughters, both St. Luke’s alumni. While being a stay-at-home mom, I learned my fifth language, Spanish, through immersion and self-study. This is my sixteenth year of teaching at St. Luke’s.

Contact Information: E-mail: ifranco@stlukeslutherschool.com

Phone: (540) 825-1776, ext. 46

My planning periods are: Tuesday – Friday: 2:50 to 3:30

Home: (540) 661-3365 (before 9:30 p.m.)

Homework- - Homework is for student practice and self evaluation of material covered. Students are expected to complete all homework assignments. If a student is having difficulty with the homework he/she should contact me before class. Class participation and completion of homework is taken into consideration for the overall grade.

Speed Drills- are administered weekly. There are generally nine quizzes per grading term. Speed Drills are valued at 10/10 points.

Tests- are generally administered at the end of each chapter and are valued at 100/100 points.

Units and Concepts

Whole Numbers: Place value, ordering numbers

Students will understand place values of numbers up to the billions by comparing and ordering numbers.

Decimals: Students will be introduced to adding, subtracting, multiplying and dividing decimals. Students will also be able to compare, order, and determine equivalent decimals.

Fractions: Students will advance their prior knowledge of adding, subtracting, multiplying and dividing fractions.

Percents: Students will learn how to turn decimals and fractions to percents, as well as, percents into decimals and fractions.

Algebra: Students will be introduced to integers, and solving equations. Students will continue learning about expressions.

Graphing and Probability: Students will learn to collect data and create appropriate graphs.

Students will be introduced to probability.

Geometry: Students will learn how to evaluate area and perimeter of squares and rectangles. Students will also expand on their knowledge of Circles. Students will also become familiar with the following vocabulary: volume, plane and solid figures, congruence and similarity.

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