SAN DIEGO UNIFIED SCHOOL DISTRICT
Mt. Everest Academy

Subsidiary Course Agreement / Syllabus

Course: Mathematics Grade: 5

Student: _____

Description of Semester Course: Fifth grade students increase their facility with four basic arithmetic operations applied to fractions, decimals, and positive and negative numbers. They know and use common measuring units to determine length and area and know and use formulas to determine the volume of simple geometric figures. Students work with angle measurement and use a protractor and compass to solve problems. They use grids, tables, graphs, and charts to record and analyze data. Students make decisions about how to approach problems; use strategies, skills and concepts in finding solutions; and generalize to other problem situations.

Directions: Submit course work to your supervising teacher on or before the monthly due date. The supervising teacher will assess for attendance credit and academic progress.

Semester One Content, Monthly Topics, and/or Chapters:

Month 1: Topics: 1. Understand Place Value
2. Add and Subtract Decimals to Hundredths
Month 2: Topics: 3. Fluently Multiply Multi-Digit Whole Numbers
4. Use Models and Strategies to Multiply Decimals
Month 3: Topic: 5. Use Models and Strategies to Divide Whole Numbers
Month 4: Topic: 6. Use Models and Strategies to Divide Decimals
Month 5: Topic: 7. Use Equivalent Fractions to Add and Subtract Fractions

Semester Two Content, Monthly Topics, and/or Chapters:

Month 6: Topics: 8. Apply Understanding of Multiplication to Multiply Fractions
9. Apply Understanding of Division to Divide Fractions
Month 7: Topics: 10. Understand Volume Concepts
11. Convert Measurements
Month 8: Topics: 12. Represent and Interpret Data
13. Algebra: Write and Interpret Numerical Expressions
Month 9: Topics 14. Graph Points on the Coordinate Plane
15. Algebra: Analyze Patterns and Relationships
Month 10: Topic 16. Geometric Measurement: Classify Two-Dimensional Figures

Detailed Goals, Objectives, Methods of Study and Expectations:

A) Complete Guided Practice and other activities appropriate to your child's needs.
B) Complete Assessments to check for understanding.
C) Well-rounded mathematics instruction includes multiple exposures to concepts, guided practice, independent practice, and applications through projects, games, and activity sheets.

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Resources:

- Workbook: *enVisionmath 2.0 volumes 1 and 2*
- *Online Math connection*
- San Diego Unified School District Mathematics Units
- Weekly Fifth Grade Workshops
- Online access www.pearsonsuccessnet.com

Due Dates:

See Master Agreement and MEA website.

Evaluation criteria and methods:

Attendance credit for each month and all assignments will be based on submission of monthly work by due dates listed on the assignment agreement. Work submitted after the due date cannot earn attendance credit. Academic evaluation will be based on Benchmark Tests and the quality and quantity of work submitted as outlined in the SDUSD Standards-Based Report Card. Students in grades K-6 are evaluated based on their performance and demonstration of competency in accordance with the *California State Content Standards*.

"AD"	= Advanced
"PR"	= Proficient
"BA"	= Basic
"BB"	= Below Basic
"NA"	= Not Assessed

We agree to complete the course as described in this subsidiary agreement. We have received a complete copy of the California State Content Standards for my child's grade level.

Supervising Teacher:_____ Date: _____

Schoolwide Learner Outcomes

Communicate effectively through reading, writing, listening and speaking.
Show evidence of flexible, critical thinking and solve problems independently and critically.
Demonstrate the confidence, resilience, and self-esteem to succeed in life.
Use resources, including technology, to locate needed information.
Express a sense of global citizenship and personal integrity.