VERNON MIDDLE SCHOOL
WORLD LANGUAGES ACADEMY
IB WORLD SCHOOL

8th Grade Math

Teacher Name: Alberto Pena **Email: Alberto.pena@hcisd.org**
Teacher Name: Sherry Solis **Email: Sherry.garcia@hcisd.org**
Teacher Name: Patricia Garcia **Email: Patricia.garcia@hcisd.org**
Conference Information: 8th period 2:18-3:05 p.m.
Contact Information: School Phone Number: 956-427-3040

Course Description:

Students in this course will focus on using ratios to describe direct proportional relationships involving number, geometry, measurement, probability, and adding and subtracting decimals and fractions. Students in this course will focus on using all operations with integers, fractions, and decimals to solve problems and understand and apply ratios and rates to represent proportional relationships.

Required Materials:

1.5 inch binder
8 tab dividers
Graphic Calculator (provided by the campus)
Carnegie Workbook (provided by the campus)
Ruler (optional)

Grading Policy:

There will be a minimum of 16 grades per quarter, with a minimum of 2 test grades

Daily Assignments/ Homework - 75%

(Notes, Quizzes, Homework, Exit Tickets, Etc.)

Assessments - 25%

(Tests, Projects, Etc.)

It is the student's responsibility to turn in all work on the designated due date.

Make Up Work

Attendance is important for the student's success. It is the responsibility of the student to obtain missed work once he/she returns to school. It is the student's responsibility to contact their teacher upon returning to school to schedule any quiz or exam missed while absent. The scheduled time is at the discretion of the teacher. Make-up work extensions will be at the discretion of the teacher.

Retesting Procedures:

Please refer to the HCISD District Policy in the Student Handbook

Course Schedule

Semester 1	
Quarter 1	**Quarter 2**
Module 1: Transforming Geometric Objects - **Topic 1: Rigid Motion Transformations** - **Topic 2: Similarity** - **Topic 3: Line and Angle Relationships** **Module 2: Developing Function Foundations** - **Topic 1: From Proportions to Linear Relationships**	**Module 2: Developing Function Foundations** - **Topic 1: From Proportions to Linear Relationships** - **Topic 2: Linear Relationships** - **Topic 3: Introduction to Functions** **Module 3: Data Data Everywhere** - **Topic 1: Patterns in Bivariate Data** - **Topic 2: Variability and Sampling**
Semester 2	
Quarter 3	**Quarter 4**
Module 4: Modeling Linear Equations - **Topic 1: Solving Linear Equations** - **Topic 2: Systems of Linear Equations** **Module 5: Applying Powers** - **Topic1: Real Numbers** - **Topic 2: The Pythagorean Theorem** - **Topic 4: Volume of Curved Figures** - **Topic 3: Financial Literacy**	**STAAR Blitz**

Curriculum:
Carnegie Math **Workbook**
Carnegie **Mathia** Digital Component
Clear Learning Center Digital Component