Rising Tides, 2016

KEEP CALM AND USE THE FORCE for success with 6th Grade Pre-Algebra
Unit 1: TOOLS FOR SUCCESS
Number Sense & Rational Numbers Unit

Real number system, fraction and integer operations, exponents, squares, square roots, scientific notations, coordinate plane system, comparing and ordering rational numbers, and order of operations.
Unit 2: FUNDAMENTAL FORCES
Algebra & Proportional Reasoning Unit

Evaluating expressions, properties of real numbers, functions, multiple representations (input/output, graphs, coordinates), linear equations, inequalities, ratios, percent change, similar figure, and proportions
Unit 3: GLOBAL FORCES
Statistics & Probability Unit

Measures of central tendency (mean, median, mode); data displays (graphs, histograms, frequency tables, etc.); independent and dependent events; & understanding and using probability and statistics
Unit 4: TRANSFORMATION OF FORCES
Geometry & Measurement Unit

Angles; geometric formulas (volume, area, surface area, circumference, perimeter); 3-D figures; transformations in the coordinate plane; Pythagorean Theorem; composite figures; etc.
Support Structures and Study Expectations

- **Systematic Practice** develops skills and confidence.
- **Perseverance** will be required.
- **Mastery** on practice is the expectation.

- **Expect 30 minutes** of homework Monday through Thursday. CONTACT ME IF THIS ISN’T THE NORM!
- **Take advantage of these support systems**-After School Tutoring beginning in October and lunch/focus options.

*While it is my responsibility to support learning, it is the responsibility of students to self-advocate and seek help immediately when needed.*
Assessment
- Ongoing formative assessment (not graded)
- Summative assessments-skill/concept specific (Synergy)
- Summative assessments are announced.

- Review materials-binder, online textbooks and Weebly, IXL, ExploreLearning, Khan Academy, and JLab.
MAY THE FORCE BE WITH YOU

QUESTIONS?

THE FORCE IS STRONG IN THIS ONE