



DODEA Math Standards @ a Glance

Numbers and Operations

- Place value through millionths
- Equivalent fractions with denominators 12 or less, decimals and percents
- Decimals and Percents
- Ratio of a fraction
- Compare numbers less than zero
- Distributive property
- Order of operations
- Common denominators
- Models to show concept of multiplication and division of fractions
- Positive integers
- Division with two digit divisors
- Use models to add and subtract fractions
- Estimation of whole numbers, fractions and decimals
- Multiplication and division of fractions
- Divisibility rules

Algebra

- General rules for patterns
- Variables
- Mathematical patterns and relationships
- Commutative, associative and distributive property
- Tables and Graphs to show relationship between two variables

Geometry

- Three deminsional objects
- Faces, edges, vertices
- Graph ordered pairs
- Reflection, rotation, translations
- Two and three dimensional objects
- Measurement
- Customary and metric systems of measurement
- Volume of three dimensional objects
- Tools and units to measure volume

Data Analysis and Probability

- Techniques for gathering data
- Select and use appropriate graphs
- Mean (average)
- Subsets of larger populations
- Common fractions to represent probability
- Compare and make predictions of theoretical and experimental outcomes