**Welcome to Math 7th Grade**

**Resource Classes**

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**Respect**

Listen & follow directions

Participate

Disagree the right way

Treat others the way you want to be treated

**Responsibility**

Be prepared to learn

Practice skills

Accept when you have made a mistake

**Resourcefulness**

Be a problem-solver

Be a learner

**7th Grade Comprehensive Math Standard:**

The following Math concepts will be covered through this school year.

**NUMBER SENSE STANDARD:** Students will communicate number sense concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.

**GEOMETRIC/MEASUREMENT STANDARD**: Students will communicate geometric concepts and measurement concepts using multiple representations to reason, solve problems and make connections within mathematics and across disciplines.

**ALGEBRAIC STANDARD:** Students will communicate algebraic concepts using multiple representations to reason, solve problems and make connections within mathematics and across disciplines.

**DATA ANALYSIS/PROBABILITY STANDARD:** Students will communicate data analysis/probability concepts using multiple representations to reason, solve problems and make connections within mathematics and across disciplines.

**Nebraska Mathematics Standards Concepts**

**K-12 Comprehensive Data Analysis/Probability Standard:**

**Students will communicate data analysis/probability concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.**

 **Display and Analysis**

 **Predictions and Inferences**

 **Probability**

**K-12 Comprehensive Algebraic Standard:**

**Students will communicate algebraic concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.**

 **Relationships**

 **Modeling in Context**

 **Procedures**

**K-12 Comprehensive Geometric/Measurement Standard:**

**Students will communicate geometric concepts and measurement concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.**

 **Characteristics**

 **Coordinate Geometry**

 **Transformations**

 **Spatial Modeling**

 **Measurement**

**K-12 Comprehensive Number Sense Standard:**

**Students will communicate number sense concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.**

 **Number System**

 **Operations**

 **Computation**

 **Estimation**