

# Twin Falls School District

## 6<sup>th</sup> Grade Math

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### Course Description:

This course is designed to prepare students for middle school math and pre-algebra with the mastery of elementary mathematics.

### Instructional Philosophy:

Student will receive all necessary instruction, guided practice, and group activities during class time. Students should expect homework every day to reinforce the knowledge and skills introduced in the classroom.

**Assignments are not accepted unless all work is clearly shown. Students are expected to bring all supplies to class every day.** To further develop a community of learners, students will be expected to work and participate in a variety of situations.

### Power Standards:

#### Standard 1: Number and Operation

Students will demonstrate understanding of whole numbers, fractions and decimals by performing basic computations, comparing and graphing.

#### Standard 2: Concepts and Principals of Measurement

Students will use measurement tools accurately to measure and solve problems involving: time, length, weight, mass, temperature and geometric figures.

#### Standard 3: Concepts and Language of Algebra and Functions

Students will explore patterns, function tables and variables to develop algebraic thinking.

#### Standard 4: Concepts and Principles of Geometry

Students will explore two and three dimensional figures, symmetry, congruence and similarity. Students will plot points on a coordinate grid.

#### Standard 5: Data Analysis, Probability, and Statistics

Students will collect, organize, graph and analyze data.

Students will read and interpret tables, charts, plots and graphs.

In all of the standards students learn to explore, plan, solve and examine problems. Their writing should be coherent and they should use correct mathematical vocabulary. Connecting mathematical concepts includes linking new ideas to related ideas learned previously and helping students to see mathematics as a unified body of knowledge whose concepts build upon each other. Students should connect their mathematical learning to appropriate real-world contexts.

### Assessment and Grading Plan:

Students will be assessed on a daily, quarterly, or yearly basis on the following items:

Tests

Quizzes

Homework  
Classwork  
Projects

Math Skills  
Notebook  
Participation

**Grading Scale:**

90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
59 - below	F

**Components of the Grade:**

Tests & Projects	40%
Quizzes	40%
Homework / Classwork	20%

**Policy for Re-Doing Work/Tests:**

- Points will be deducted for any late work
- End of course assessments may not be re-taken.
- Quizzes & Tests may be re-taken under the following conditions:
  - 1) Correctives are made.
  - 2) Must be re-taken within two weeks from original testing date.
  - 3) Participate in a study session as arranged with teacher.

**Opportunities for Extra Help:**

Extra help is available during the school day (E & E) and after school. Contact your math teacher for additional help opportunities.

**Grading Rubrics:**

Rubrics for course projects will be provided as needed.

**Supplies:**

- 2" 3-ring binder
- Dividers
- Loose leaf paper
- Centimeter Graph Paper
- Pencils
- Eraser
- Pencil Pouch
- Protractor
- Ruler
- 4-Function Calculator