

Grade 7

Mathematics

Section 7-2(H)

In class Math 7-2 the students will be covering seventh grade mathematics with the text **Mathematics Applications and Concepts Course 2**. During the year they will study the following units:

- Data & Statistics
- Ratio, Proportion & Percent
- Similarity, Congruence & Transformations
- Integers
- Square Roots & Irrational Numbers
- Patterns, Variables & Equations
- Extending Percents
- Probability
- Multiple Representations of Function
- Volume, Surface Area & Spatial Visualization

The students will be given daily objectives for the instructed lessons and math vocabulary will be emphasized as all units are studied. Reading and writing will be a crucial component in the study of problem solving and in the creation of chapter study packets. Homework will be assigned for every class meeting with a specific due date. Completion of all assigned work is the goal for all students. Late work is accepted with a reduction of credit. Students will have the opportunity to complete late work during their own seminar and at home. All assignments will be reviewed and evaluated by the teacher. If the delay is due to a family emergency, the teacher will consider the extenuating circumstances and evaluate the assignment on an individual basis.

Students will be assessed by the quality and consistency of their homework, their effort, class participation, the comprehension of math vocabulary, chapter study packets, lesson assessments, and chapter tests. Retests will be given if a student is not meeting classroom or personal goals. The retests and original tests will be averaged to create the new test scores for the retest assessments. In the Math 7-2 the goal is for the students to learn from their mistakes, gain confidence, and succeed in math.

Minimum disciplinary steps for routine discipline and suggested strategies:

1. Conference with the student – *Keep notes of the conference*
2. Classroom consequence – *Document incidents*
3. Parent contact – *Keep a log with notes*
4. Written referral to the principal using referral form –
Describe incident and previous actions

Weights of the assessments:

- Tests – 35%
- End-of-Lesson Assessments – 15%
- Chapter Study Packets – 15%
- Class Work – 15%
- Vocabulary – 10%
- Homework - 10%

