

Grade 7/8 Mathematics 2025-2026

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Glenella School

Course Description

Welcome to Grade 7/8 Mathematics! This course is designed to cover a number of different forms of mathematics, which will allow you to better understand the math that you encounter in your everyday life. This course is worked through four strands and eight sub-strands.

Strand 1: Numbers

Numbers: Develop Number Sense

Strand 2: Patterns and Relations

Patterns: Use patterns to describe the world and solve problems.

Variables: Represent algebraic expressions in multiple ways.

Strand 3: Shape and Space

Measurement: Use direct and indirect measurement to solve problems

3-D and 2-D Shapes: Describe and analyze position and motion of objects and shapes.

Strand 4: Statistics and Probability

Data analysis: Collect, display, and analyze data to solve problems

Chance: Use experimental or theoretical probabilities to represent and solve problems involving uncertainty.

Materials needed for the course:

All students must bring the following to every class:

- Pencil
- Binder (with loose leaf)
- Scribblers
- Geometry Set (not needed until the second half of the year)
- Ruler
- Your Confidence

Evaluation**Academic Achievement**

Students will be evaluated on their:

Knowledge and Understanding: Demonstrate knowledge and understanding of math concepts relating to the four strands of math.

Mental Math: Students use math knowledge and number facts to calculate mentally or estimate.

Problem Solving: Students apply knowledge and understanding to solve problems.

Learning Behaviors

Students will be evaluated on their:

Personal Management Skills: Use class time effectively, completes homework and assignments on time

Active Participation in Learning: Participate in activities and set learning goals.

Social Responsibility: Works well with others, respect self and others

Important Points

1. Students are responsible for all homework and notes which were missed while they were absent. Students are encouraged to ask a classmate upon returning to catch up on materials.
2. If a student has an excused absence during the day of a test, they will write the test when they return during lunch. If you plan on being away, please inform the teacher ahead of time.
3. Electronic devices use is permitted in the classroom during stated times only. If electronic devices are not used for educational purposes under teacher's instruction then they need to be put away or be taken away.

Division Policies:

Attendance

You are expected to attend all classes, every day. I understand that this may be nearly impossible, so you must provide notice to the school and teacher of your absence in advance whenever possible.

Late Assignments

If you fail to complete an assignment, your parents will be notified and a secondary due date will be set. Should you fail to complete the assignment by the new due date, you will receive a zero. There will be some flexibility with respect to due dates in extenuating circumstances, such as prolonged illness or a death in the family.

PLEASE NOTE: Assignments from the beginning of the year will not be accepted days before the term ends.

Academic Dishonesty

As you may have heard already today, academic dishonesty will not be tolerated in this school. If you are asking, "What is academic dishonesty?" the answer is simple – any type of cheating. This includes (according to Wikipedia)

Plagiarism: The adoption or reproduction of original creations of another author (person, collective, organization, community, including anonymous authors) without due acknowledgment.

Fabrication: The falsification of data, information, or citations.

Deception: Providing false information to an instructor —e.g., giving a false excuse for missing a deadline or falsely claiming to have submitted work.

Cheating: Any attempt to give or obtain assistance (like an examination) without due acknowledgment.

Bribery: or paid services such as giving certain test answers for money.

Sabotage: Acting to prevent others from completing their work. This includes cutting pages out of library books or willfully disrupting the experiments of others.

I have read the 7/8 Math course outline and am familiar with classroom expectations and course requirements.

Date: _____

Student's Name: _____

Student's Signature: _____

Parent/Guardian Name(s): _____

Parent/Guardian Signature(s): _____

Parent/Guardian E-mail Address: _____

Reachable Phone Number(s): _____

Contact Frequency for Class E-mails: Please check off which option you prefer below for class wide e-mails.

I would prefer to:

- receive a weekly class e-mail
- receive a class e-mail only for end of unit/topic deadlines
- only receive e-mails if my student is academically at risk
- not be e-mailed.

Comments or Questions: