

8th Grade Math Syllabus - Mr. DiBernardino

Course Summary: This course will continue to strengthen student understanding of mathematical concepts and ability to use problem solving skills to apply mathematics to a variety of areas. The course will build on previously learned material, strengthen student skills with mathematical procedures, and use models to better understand equivalence and general mathematical relationships. Using Chromebooks, students will explore graphing calculator apps such as GeoGebra. Students will be challenged with integrated topics in algebra and geometry.

Required Materials:

- Pencils (students may use pen, but pencil is preferred because we make mistakes)
- Three-Ring Binder with 4 Dividers (Notes & Classwork, Homework, Assignments, and Tests)

Grade Policy:

Tests and Projects (40%): Students will be exposed to a variety of assessments. Tests will be given at the end of each unit. At times throughout the year, students will be assigned individual or group projects. The projects often include research, and will be designed to allow the students to demonstrate their knowledge of a unit by applying what they know to an area of interest, such as, science, business, sports, history, and others. Students will be given some time to work on projects in class and will be expected to work on them at home as well. Students will also practice taking exams on Chromebooks.

Assignments (40%): Between exams, students will be assigned a variety of in-class and take-home assignments. In-class assignments will take place during a portion of class time during the week. Home assignments will be given due dates and late assignments may be penalized unless discussed with me prior to the due date. Assignments will be graded promptly and returned with feedback. Once returned and discussed, students may choose to resubmit any assignment for extra credit.

Homework and Classroom Mannerism (20%):

Homework may be assigned for additional practice. Students are required to complete the homework to earn full credit. Each homework will receive a grade of "COMPLETE" or "INCOMPLETE". Homework will be discussed in class as needed. Students may use this discussion time to earn credit for missed homework.

Additionally, students will be expected to maintain a neat and organized binder, particularly the "Notes and Classwork" section. Student binders will be inspected periodically during the year, often during an exam. Students will be given notice of all binder checks.

Finally, a student's Classroom Mannerism grade is a reflection on the student adhering to agreed upon class standards. These standards include:

- The student come to class on time and ready to begin assigned tasks
- The student display respect for self and others
- The student display respect for school property and culture
- Complete all assigned tasks on time and to the best of one's ability

Other standards will be discussed continually throughout the year and students will have the ability to contribute by expanding on an existing standard or adding new ones. Standards will always be displayed in the class, and referred to as needed.

Students who do not abide by agreed upon standards will lose credit toward this overall grade at my discretion. Students and parents will be given notice of any loss in classroom mannerism grade.

Students may attend extra help sessions to improve a Classroom Mannerism grade. Extra help will be offered during lunch times and at other mutually free time during the school day. After school help may also be discussed if needed. Students are encouraged to participate during these times as needed. At times, I may require a student to participate in an extra help session.