

Scope and Sequence:

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. Quantitative reasoning and modeling involve the application of mathematics to real-world situations, with careful attention to the choice of units and contextual challenges. Problem-solving requires analyzing an unfamiliar situation and devising a solution strategy. Problem-solving and modeling together provide opportunities for students to experience success with mathematics, not merely improve their self-perception. These habits and skills promote perseverance and cut across disciplines, thus providing a gateway into successful postsecondary education and a variety of careers.

Course Expectations/Rules:

- Come to class ready to participate and remain on task throughout the period.
- Be seated and attentive when the bell rings.
- Respect yourself, adults, students, and school property.
- Abide by all school policies.
- NO cheating or copying, you will learn more from getting it wrong then by copying off of someone else.
- Come to class prepared everyday: writing utensil, notebook, chromebook (charged)
- See district cell phone policy.

Materials:

- 1 inch 3-ring binder with filler paper OR Notebook & Folder
- Writing utensil (pen or pencil)
- Chromebook, must be brought to class everyday and charged!
- Calculator

Grading Scale:

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

Grade Breakdown:

- In Class Work/Participation Grade (~ 10%)
 - This work is graded for completion, class time will be given to complete and if not completed by the allotted time points will be deducted.
- Weekly projects/Graded assignments (~ 50%)
 - These assignments are graded based on correctness and thoroughness of work. Some are individual and some are partner or group work assignments.
- End of Module Projects (~ 30%)
 - These are multi-day large assignments; rubrics will be provided.
- Organization, Planning, and Preparedness (OPP) Grade (~ 10%)
 - You will receive a separate "organization, planning, and preparedness" ("OPP") grade in connection with each submitted assignment. The score will be averaged into their overall class grade each quarter and will be worth 50 points.
 - The rubric for this grade will be posted on the top of Google Classroom page and updated throughout the quarter; check it regularly to see where you are at.

Absences/Make-up Work:

- If you are absent from this class it is your responsibility to find out what you missed to make it up. You can find notes on Google Classroom. Worksheets will be in the bins along the wall with your name on it. Please be responsible and proactive to stay on track.
- If you are going to be absent for more than three days, let me know well ahead of time, if possible, so that I can arrange with you the work that you will miss while gone. This will help you stay caught up so you do not fall too far behind.