



Course Title:
Teacher:
School Phone:
Email:
Planning/Conf. Times:

Probability & Statistics
Mr. M. Belfer
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Available by Appointment
After School

I. Course Description and Instructional Goals:

Probability and Statistics focuses on the development of the student's understanding of and ability to apply mathematics to solve real-world problems dealing with probability, statistics, and data analysis. The content of the data analysis and probability standards encompasses design of a statistical study; collection, organization, display, and interpretation of data; basic statistical methods of analyzing data; and basic concepts of probability. In all courses based on the data analysis and probability standards, hand-held graphing calculators are required for instruction and assessment. Students should learn to use a variety of ways to represent data, to use a variety of mathematical tools such as graph paper, and to use technologies such as graphing calculators to solve problems.

II. Instructional Model:

Daily Warm-Ups, Teacher-Directed Instruction, Cooperative Learning, Independent Study, Investigation/Exploration

III. South Carolina Schools Grading Scale:

100 – 90	A
89 – 80	B
79 – 70	C
69 – 60	D
59 – 0	F

IV. Course Grading Policy

- Major Assignments 40%
(*Test and large projects*)
- Quizzes: 35%
(*Quizzes, small projects, or journal writing*)
- Practice: 25%
(*Homework, class-work, journal writing*)

V. Homework Policy

Homework assignments will be a standards based extension of the learning that takes place in the classroom. Homework will be graded at the teacher's discretion and others will be checked. The assignments that are check need to be 75% complete to maintain homework credit; otherwise, five points will be deducted from the quarter homework grade.

VI. Classroom Requirements

- Textbook
- 3-Ring Binder or Notebook
- Loose Leaf Paper
- Pencils
- Scientific Calculator

VII. Class Rules

1) Be Respectful

- Keep hands and feet to yourself.
- Raise hands and speak when it's your turn.
- Treat others with dignity and respect.

2) Be Ready

- Be in your seat and working when the bell rings.
- Listen to and follow all directions.

- Leave all food and drinks, iPods, cell phones, etc. outside of the classroom.

3) Be Responsible

- Always wear your ID.
- Write all assignments in your notebook.
- Bring all your materials to class.
- Turn in all assignments.

VIII. AHS Final Grade Policy

The following weights will be used to calculate the final grade for this course:

- Quarter 1 Grade 40%
- Quarter 2 Grade 40%
- Final Exam 20%

IX. Additional Assistance

If additional assistance is needed, please schedule an appointment.