

**Probability and Statistics Honors 2021-2022**  
**Mrs. Barnhart**

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*Students and parents: Please sign that you have read and understand this information.  
Colored signature page attached.*

**Included in this packet:**

- Materials (things needed to succeed)
- Classroom Rules
- Classroom Procedures
- Grades
- Tutoring / Office Hours
- Course Overview
- Remind 101

**Things you must have to succeed:**

- 1 - 1 inch 3 ring binder
- 10 dividers
- Loose leaf notebook paper
- Plain copy paper
- ¼ inch grid graph paper
- 100 3x5 index cards
- Pencils (#2) and erasers
- Red and Blue Pens
- Graphing calculator (preferably a TI-84 Plus CE) and ALL cables
- Deck of Playing Cards
- Ruler

**Wish List**

- Hand sanitizer
- Antibacterial Wipes
- Tissues
- Paper Towels

**Classroom rules**

1. Follow directions.
2. Be respectful.
3. Be prepared for class every day.
4. No cursing, putdowns, or grooming.
5. All other school and district policies and procedures.

### **Classroom/Grading Procedures:**

Assignments will be given daily. All assignments will be graded for completeness by the teacher and checked for accuracy by the student. All work must be shown and **ALL** problems **MUST** be attempted in order to receive credit. **Assignments turned in without a name will not be graded. Late work is NOT accepted, unless you were absent on the due date. All assignments can be accessed on my website by 3pm daily.** All assignments must be kept in a notebook in chronological order. You will keep homework and Focus Notes in your notebook.

Quizzes may be given on any day. They may or may not be announced. Expect a quiz on any day and they will not be pop quizzes.

There will be 1 test per chapter. It will be given upon completion of each chapter and announced at least two days prior to the date given. There will be one review day prior to the chapter test. **Students who are absent for test review must take a previously announced test on the assigned date. Students who are absent the day a previously announced test is given must make the test up the day they return to school. Plans must be made to take the test before or after school. You may not miss a second day of class in order to make up a previously missed test.**

Students who are absent are responsible for getting their makeup work and turning it in within one day after an absence. Any work turned in past this deadline will not receive credit. You must also turn in an excuse note to the office. (Please see the student handbook on page 14 for additional information.)

Project grades will be averaged as major test grades.

### **Grades**

#### Grading Scale

- 90% - 100%           A
- 80% - 89%            B
- 70% - 79%            C
- 60% - 69%            D
- 59% and below        F

#### Grade Calculation:

- Daily Assignments & Homework   10%
- Quizzes                                 40%
- Tests, Notebook & Projects         50%

**Grades may be accessed anytime on the parent portal. Please sign-up at the front office and receive your password.**

### **Important Grade Notes**

- A comprehensive exam will be given at the end of each 9 weeks and will count as 20% of the quarter average.
- Star Testing will be given three times during the school year. A Diagnostic test, Pre, and Post-test will also be given.
- There is a cumulative final exam at the end of the school year that is 20% of your final grade.

### **Tutoring / Office Hours**

I am available for tutoring Monday-Friday at 7am to first bell. Tutoring will be in my classroom. Tutoring is subject to change. If there is a last minute change, I will send out a message on Remind 101.

### **Course Overview**

Probability and Statistics Honors is a course that prepares you for the SAT, ACT, and college. This is considered to be a pre-college level class, and all students will be held to high standards. We will be using Statistics and Probability with Applications 3<sup>rd</sup> edition, Starnes and Tabor. **All students will be expected to use the online book. If you do not have access to internet at home, please talk to Mrs. Barnhart to make other arrangements.**

The following topics will be covered in Probability and Statistics Honors:

- Chapter 1 – Analyzing One-Variable Data
- Chapter 2 – Analyzing Two-Variable Data
- Chapter 3 – Collecting Data
- Chapter 4 – Probability
- Chapter 5 – Random Variables
- Chapter 6 – Sampling Distributions
- Chapter 7 – Estimating a Parameter
- Chapter 8 – Testing a Claim
- Chapter 9 – Comparing Two Populations or Treatments
- Chapter 10 – Inference for Distributions of Categorical Data

In May the students will complete a cumulative final project. Rubric, directions, and examples will be available during the 4<sup>th</sup> nine weeks.

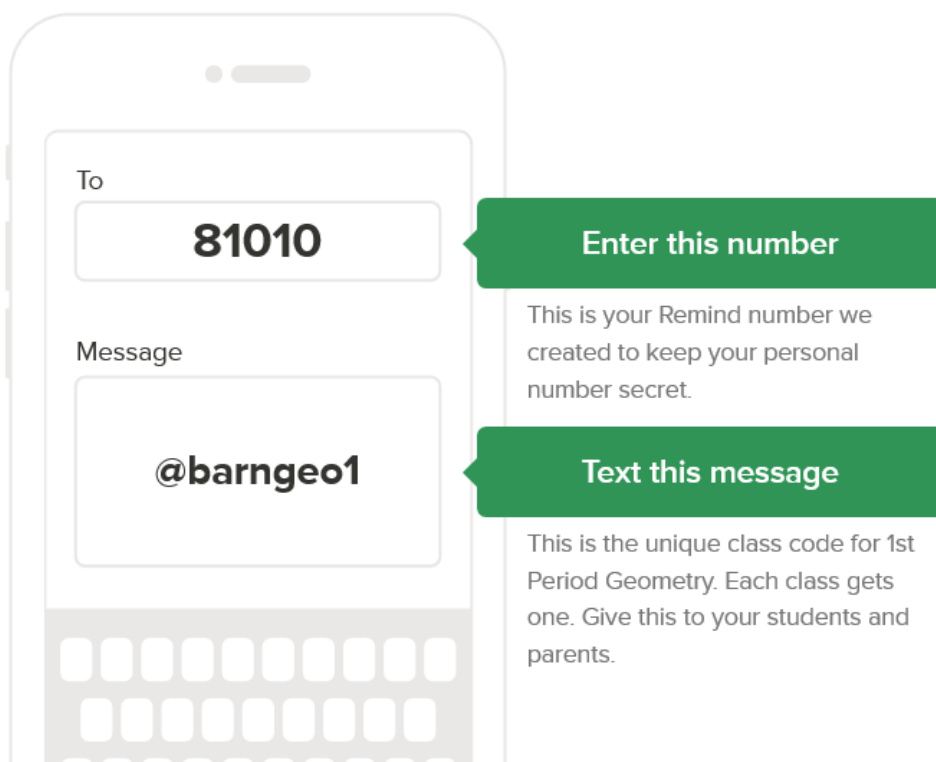
**Remind 101**

I highly recommend and encourage all students and parents to join my Remind 101. It is not required, but I do try to give extra credit each nine weeks for student and parent involvement. I use Remind 101 to send reminders for major assignments (not nightly homework). There is also a secure chat feature that students can use to ask me questions about anything in class.

It is very easy to join Remind 101. (See instructions below)

All students and parents will use number **81010** as the **TO** number of a text message. Then type in their class code as the message. You can also download the Remind 101 App on your smart phone.

1 <sup>st</sup> Period Statistics Honors	@barnstat1
2 <sup>nd</sup> Period AP Statistics	@barnstat2
3 <sup>rd</sup> Period AP Statistics	@barnstat3
4 <sup>th</sup> Period Statistics Honors	@barnstat4
5 <sup>th</sup> Period AP Statistics	@barnstat5
6 <sup>th</sup> Period Statistics Honors	@barnstat6



See codes above.