NNHS Intro Stats Syllabus

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Mission
To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Course Description
This course is designed as an alternative to Precalculus for students desiring an additional year of mathematics. Topics covered in the first semester will include modeling, applications, election theory, fair division algorithms, matrices, graph theory, tree diagrams, counting and probability, and recursion. The entire second semester is devoted to the study of statistics with a review of some probability. The semester course offerings are non-sequential. A graphing calculator is required.

Course Learning Standards
- Basic vocabulary of Statistics
- Organizing and displaying data
- Describing data using measures of central tendency, measures of variation and measures of position or rank
- Principles of probability to describe chances of certain occurrences
- Use properties of the binomial and normal distributions to make decisions
- Apply the central limit theorem
- Use confidence intervals to estimate means and proportions
- Perform hypothesis tests to make decisions about means and proportions
- Perform hypothesis tests to make decisions about the difference between two means or proportions

Grading:
Your course grade will reflect what you have learned, not what you have completed!

Overall Semester grade:
85% of the Course grade,
15% final exam.

The final semester grade will be rounded to the nearest percentage point.

Course Grade
Each unit/standard is assigned a particular percentage.
Within each unit, summative and formative sections are weighted as follows:

85% Summative (tests, quizzes, projects), 15% Formative (Daily Work)

Grading Disbursement:
A= 90-100 B= 80-89 C= 70-79 D=60-69 F= <59

Any percentage lower than 50% will be put into the grade book as a 50%, the lowest possible grade on completed work (incomplete or work not turned in will receive a grade of 0 in the grade book).
Reassessment Policy

**Summative Assignments (tests, quizzes, projects):** These assignments must be completed before the end of the following unit.

**Formative Assignments (labs, class work, activities, homework):** All work must be completed by the end of the current unit. Anything turned in after the end of the unit will not receive credit.

**Reassessment Policy (reassessments are only on summative work, excluding final exams):**

1. All students will be offered three attempts to show mastery of every learning target. The highest two of the three grades will be recorded in the gradebook.

Communication

- Teachers make every effort to respond to emails and phone calls within 48 hours during the work week.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

Help

- Make an appointment with your teacher.
- Attend S.O.S (supervised open study) in the Literacy Center M, W & Th from 3:15 to 4:15.
- Drop in for peer tutor during lunch periods or before school through the Literacy Center.

Parents or Guardians

We need your help!

- Parents should actively check Infinite Campus for their student's grade.
  - The grades on Infinite Campus will be accurate only at Mid-Quarter and Quarter. Prior to those dates, the grade reflected is fluid.
  - Infinite Campus is a communication tool until final grade is posted.
- Please ask your student about their school work
- Check with your individual teacher for classroom procedures, schedules, and daily class news.