

# Probability & Statistics

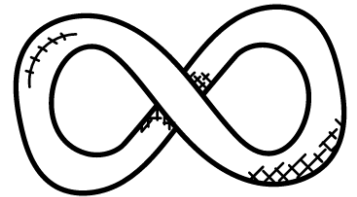
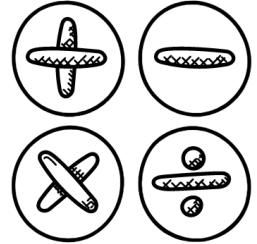
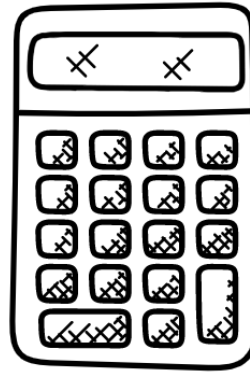
one  
credit

Mary Ellen Waters  
601-743-2232  
mewaters@kemperacademy.com  
www.kemperacademy.com

## welcome

to Probability & Statistics

Statistics plays a vital role in understanding the world around us. This class will demonstrate the relevance of statistics through extensive graphical displays and the use of real-world examples. We will discuss how statistical techniques should be applied, while cautioning about common statistical errors and ethical concerns. In addition, throughout each chapter, we will move from interpreting concepts to making informed decisions.



## expectations



be on time



bring your pencil, notebook and laptop



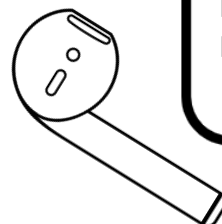
no food or drinks allowed in class



respect yourself, your peers  
(this includes opinions and property!)  
and school staff & property



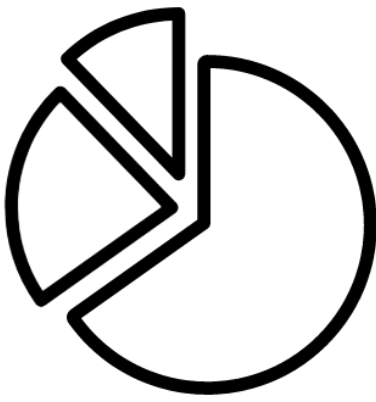
take responsibility for your own learning  
ie. ask for help on techniques or ideas,  
stay focused during work time given



All parents and students will have access to the parent portal in our schools grading system, **iGrade**. In order to take advantage of this portal, a valid email address must be on file. Parents and students are able to view assignments and grades as they are entered into the system. **Please note that each teacher reserves the right to alter grades as necessary once posted.**

Parents are more than welcome - and encouraged! - to contact the school office to set-up a parent/teacher conference at any point during the school year.

iGrade plus



# grades

and how they're weighted

**15%**

HW/CW

Homework and classwork will be given periodically. Due dates will be provided when the assignment is given. Completing homework and classwork assignments are crucial for students better understanding of the material.

**15%**

IXL SKILL CHECKS

Skill checks (IXL ) will be given on a weekly basis. These are designed to reinforce skills currently being taught and to reinforce skills learned in prior units.

THERE IS NO TIMETABLE OR LIMIT TO HOW MANY TIMES AN IXL CAN BE ACCESSED DURING A NINE WEEKS.

**50%**

TESTS/QUIZZES

Tests will be at the end of each chapter, quizzes will be announced throughout each unit. Occasionally there may be a project assigned.



CHEATING ON QUIZZES, TESTS, AND/OR PROJECTS WILL RESULT IN POINT DEDUCTIONS OR A ZERO. THE INVOLVEMENT OF SCHOOL ADMINISTRATION MAY ALSO TAKE PLACE AND FURTHER PENALTIES SHOULD BE EXPECTED.

## commonly asked questions

### What is the grading scale?

90-100	A
80-89	B
70-79	C
65-69	D
0-64	F

### How do I get Remind notifications for this class?

Text @8b49f4 to 81010

### What is the retake policy?

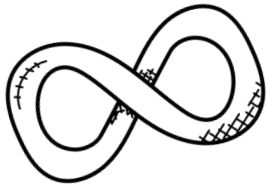
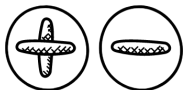
Students are allowed one retake per quiz or unit exam, regardless of the score on the first assessment. The retake must be completed prior to taking the next unit exam.

### How does 9 week exemption work?

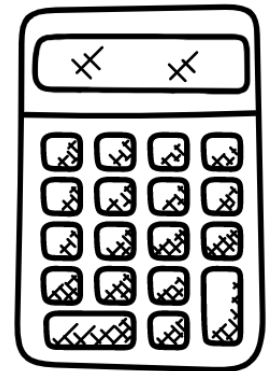
A student may be exempted from a nine week exam if they have missed no more than 5 absences in a given nine weeks and maintains an 90 average or above.

If you must take the 9 week exam, the exam will count for 20% of your grade for the 9 weeks.

# supply list



- Computer with Internet Access to IXL and Teams
- Scientific Calculator (TI-83 or higher)
- 1-inch three-ring binder (Tabs to be provided)
- Wide or College Ruled Paper
- Pencil (#2 lead) and/or Pens
- Highlighters
- Colored Pencils (if specific ones wanted)



## Units of Study

### First Semester



Introduction to Statistics  
Descriptive Statistics  
Probability  
Discrete Probability Distributions  
Normal Probability Distributions

### Second Semester

Confidence Intervals  
Hypothesis Testing (One Sample)  
Hypothesis Testing (Two Samples)  
Correlation and Regression  
Statistical Tests



signature

Share this syllabus with your parents and let them know what you'll be up to this year, and return with your parent or guardian's signature as well as your own for extra credit. It's important to include your family in your education to ensure you get the help, reminders, and support you need to succeed.

your signature

your parent/guardian's signature