



## AP Statistics Academic & Discipline Plan

**PROUD** to be Crimson Bears; preparing lifelong learners in a challenging and inclusive environment.  
Personalized, Resilient, Optimistic, Unified, Diverse.

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### Course Description:

In AP & Regular Statistics students will learn about major concepts and tools used for collecting, analyzing, and drawing conclusions from data. The four broad conceptual themes of the class are: exploring data, sampling, and experimentation, anticipating patterns, and statistical inference.

Please note: Enrollment in a yearlong class is a commitment for the entire school year. Requests for changes must include a conference with the parent, student, and teacher.

### Text(s) & Required Materials:

Stats; Modeling the World – AP Edition, 2015. We will be using our textbook on a regular basis and it should be brought to class each day. We will also be using graphing calculators on a regular basis. If you do not have a graphing calculator and are unable to buy one, please check one out from the library.

Please note: Many textbooks are issued through the JDHS Library's textbook management system. If a textbook is checked out through the JDHS Library, it must be returned in the same condition at the end of the course or unit of study. Failure to return a book or damage to a book may result in a monetary fine based on the value of the textbook and restricted access to PowerSchool.

### Materials to Bring to Class:

Pencil(s)

Spiral Notebook (dedicated to Statistics ONLY - 100 pages or more)

Lined paper - homework is done on separate paper (not in your Notebook)

Glue Stick(s)

**Graphing Calculator – (TI 84+)** *students can check out graphing calculators from the library*

At this time, I am also taking class donations to have supplies to last the entire year. It would be great if each student brought in 1 or 2 of the items listed below.

- Kleenex
- Pencils (preferably Ticonderoga)
- Expo Markers (students will use them a lot this year during different activities)
- Glue Sticks

### **Learning Management System:**

The Juneau School District is using Canvas as a system-wide learning management system. This learning management system is designed to support students and families with a simpler and more connected learning experience. It will be one-stop shopping for all of our course assignments, announcements, and other relevant information.

### **Proper Heading for Papers:**

In the top right corner, please include the following:

First Name, Last Initial

Date

Assignment Name

Papers need to be easy to read and answers should be circled, boxed, or highlighted. Assignments also **must** be completed in pencil. Full credit will not be given for work done in pen, marker, crayon, etc.

### **Course Syllabus:**

Students are notified of which assignments are due and when upcoming assessments, projects, etc., are due in our Canvas Statistics course. My website, [www.msrazormath.com](http://www.msrazormath.com) will contain helpful videos and other resources that can be used throughout the year.

### **Goals/Objectives:**

1st Semester: The emphasis for the first semester will be an introduction to statistics including the exploration and understanding of data, relationships between variables, gathering data through surveys, experiments, and observational studies. These topics are covered in the first four major sections of the text.

2nd Semester: The second semester will focus on probability and inferences. AP students will begin reviewing for their AP exam in April. There may be an opportunity for study sessions before the AP Exam is given. If this occurs, then students that attend study sessions can “swap time” for classes after the AP Exam. If study sessions do not occur, then after the AP Exam, students will work on a final project.

### **Curriculum / Standards:**

This course will be taught according to the standards created by the College Board. For more information regarding the course standards, please access the website below (which is also linked on my website).

<https://apstudent.collegeboard.org/apcourse/ap-statistics/course-details>.

## Grading:

Grading will follow the policy adopted by the Juneau School District Board of Education (Board Policy # 6146.7R). As per board policy, semester grades represent the cumulative progress of students.

A = 90% - 100%  
B = 80% - 89%  
C = 70% - 79%  
D = 60% - 69%  
F = 0% - 60%  
“INC” = Incomplete

Grades will be weighted with four different categories: Tests, Quizzes, Homework, and Discussion Boards.

	AP	Regular
Tests	70%	50%
Quizzes	10%	25%
Homework	10%	15%
Reports	10%	10%

### Tests:

There will be 1 to 2 tests per quarter. Tests will be announced in advance and students will have time to prepare for them. Students will be allowed to make corrections on each test that they have attempted (you must get at least some points before corrections). Corrections will allow students to collect half of the points they missed (up to 90%). **Corrections must be done in my classroom and be completed before the next test is given.**

### Quizzes:

Quizzes will be given periodically, with and without notice. Quizzes may be vocabulary, reading quizzes, or online quizzes. **Corrections must be done in my classroom and be completed before the Unit Test is given.**

**Regular Statistics Note:** Students taking the non-AP Statistics, will be allowed to use their notes during Tests and the majority of Quizzes. Students may only use their notebook (no textbook or friend's notebook).

### Homework:

Homework will be given on a regular basis. It will not always be collected, but when it is collected it will account for 10% of your grade. Students will have an opportunity to ask questions about their homework at the beginning of the class. Students will be required to read the textbook each week. The textbook assignments are due before class begins. Assignments turned in after class will be given partial credit.

### Reports:

Students will be required to write several statistical reports each semester. A grading rubric and explanation of the report will be provided when it is assigned.

### Projects:

There will be projects assigned throughout the year. When a project is assigned, a rubric will be provided for the project's expectations. Students will be provided some time to work on projects in class and also may be required to work on them outside of class. Projects will count as test grades

### Extra credit:

Extra credit will be provided throughout the year. It is important for students to complete the extra credit when it is given because extra credit will NOT be given at the end of the semester. Extra credit opportunities will also be provided occasionally during tutoring sessions.

PowerSchool is our system used to display grades and work progress. I am committed to updating student records bimonthly at a minimum, recognizing the importance of a live-time feedback system for parents and students. Please ensure that you AND your student have access information to use this system in partnership with me. Grades in Canvas will NOT be accurate. ALWAYS go to powerschool for your most up to date grade information.

### **Late/Make-up Work Policy and Procedures:**

Late homework will be accepted for half credit. **Assignments from a unit will not be accepted after that unit test.** When students are absent, it will be important for them to communicate with Ms. Razor to make arrangements for homework. Projects, reports, and other big assignments due dates are firm. Being absent does NOT excuse you for turning in these types of assignments late. Some accommodations can be made on a case by case basis. It will be imperative that you communicate in advance with Ms. Razor

### **Resources/Extra Help:**

Tutoring sessions are provided 2 to 3 days per week. Students and parents are also encouraged to visit the class' website, [www.msrazormath.com](http://www.msrazormath.com) . The website will include videos to help students and parents understand the material covered in class and other links to websites that can provide more support. Students will also be given access to the Big Ideas Algebra 2 learning website which will have additional practice and support.

### **Tutoring Times**

During the year, the tutoring times may change due to other circumstances. Students and parents will be aware of the tutoring time change through the weekly tutoring schedule in the room and announcements made in class. If the times below do not work for your schedule, we can make arrangements for a time that works for both of us. Below is a list of tutoring times:

Mondays: 8:30 - 9:10  
Wednesdays: Enrichment and 3:45 - 4:30  
Thursdays: Enrichment and 3:45 - 4:30

Weekly tutoring schedule will be posted on the classroom door. Students should understand that if there is a sub, there will **NOT** be tutoring that day. In the spring, tutoring times could be reduced because I will be coaching softball.

I will make every effort to respond to e-mail or phone messages within one school day. I will do my best to make students aware of my daily schedule and provide extra assistance when needed (see tutoring hours above). Students and parents are encouraged to make appointments ahead of time to ensure that I am available.

## **Behavioral Expectations:**

### **Class Rules**

1. Show respect to all people.
2. Show respect for other people's property.
3. Talk at appropriate times and use appropriate language.
4. Bring all the needed materials to class.
5. Be seated and ready to begin when the bell rings.
6. Obey all school rules.

Please note: Students are expected to adhere to JDHS policies, as outlined in the Student Handbook, at all times. Classroom policies may include more specific requirements, but they cannot be relaxed beyond the minimums as set forth in the Student Handbook.

## **Consequences of Misbehavior:**

1. Verbal Warning
2. Student/Teacher Conference
3. Parent Contact
4. Detention with me
5. Referral

Please note: Any action that endangers others, seriously interferes with the learning process, or is significantly disrespectful to staff or students may result in immediate removal from the classroom and/or direct referral to an administrator, thus by-passing above consequences.

## **Food and Drink in Class:**

ONLY water will be allowed in class this year. It needs to be in a closable container/bottle.

## **ACADEMIC DISHONESTY – (From the JDHS Student Handbook):**

Academic dishonesty or “cheating” does not allow for any type of true analysis and is not tolerated. Cheating includes, but is not limited to

1. Procuring, possessing, using, or distributing tests, quizzes, answer keys, teacher manuals, teacher textbooks and similar materials;
2. Any attempt to tamper with or alter a teacher's record or grades;
3. Representing the work of others as one's own work, whether the materials are plagiarized from another student, a published work or some other source, such as an Internet site.
4. Making use of notes or other memory aids during testing, except for those notes a teacher specifically authorizes for student use during a particular test or quiz, and;
5. Obtaining or offering unauthorized information regarding tests or assignments.

The *academic penalty* for all parties involved in cheating is a zero or failing grade for any copied or plagiarized assignment, exam, or quiz. Students will not be allowed to make-up the work. Also, the *disciplinary penalty* for cheating may include an office referral for disciplinary action. Possession and/or unauthorized distribution of testing materials or altering a teacher's records call for severe disciplinary consequences. **Repeat offenses could result in loss of credit for an entire course.**

## **Electronic Devices Guidelines:**

Cell phones, iPods, CD players, and other electronic devices are to be turned off and out of sight during class unless the teacher has given specific permission for their use. If an item is confiscated for violation of class rules, it may be retrieved from the teacher on the first offense. For subsequent offenses, the item will be turned over to an administrator for retrieval.

Ms. Razor's Bring your Device Guidelines:

1. Earbuds and headphones are not allowed unless permitted, Ms. Razor.
2. When you are given permission to listen to music, it may **NOT** be videos or movies.
3. Device must remain in your bag, pocket, or on your desk (not in your lap).
4. If you are using your device at inappropriate times, it will be taken and turned into the office.
5. If devices become a distraction, the class will lose this privilege.
6. **NO:** gaming, social media, and taking pictures and/or videos of others without their consent.
7. Additional guidelines can be added by Ms. Razor when the need occurs.

**PLEASE NOTE THAT EACH ACADEMIC/DISCIPLINE PLAN REQUIRES A SIGNATURE TO BE RETURNED TO EACH TEACHER. SIGNATURES ARE BEING COLLECTED WITH A GOOGLE FORM. A PAPER SIGNATURE FORM CAN BE PROVIDED UPON REQUEST.**

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