



## AP & Regular Statistics Academic & Discipline Plan

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

|                     |  |                |  |
|---------------------|--|----------------|--|
| <b>Instructor</b>   | Ms. Razor                                | <b>E-mail</b>  | <a href="mailto:alexandra.razor@juneauschools.org">alexandra.razor@juneauschools.org</a> |
|                     |  | <b>Website</b> | <a href="http://www.msrazormath.com">www.msrazormath.com</a>                             |
| <b>Office Hours</b> | During tutoring hours and by appointment | <b>Phone</b>   | 907-523-1592   |

### Course Description:

In AP Statistics & 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. This statistics class will be taught as a blended learning model (which is similar to a flipped model). Students will do a lot of their note-taking and learning at home while class time will be reserved for practice, clearing up misconceptions, and activities that increase student understanding.

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. Students will also need access to the internet on a regular basis through home computers, personal lab tops, tablets, smart phones, library computers, etc. If a student does not have access to a device and/or internet, it is imperative that Ms. Razor is made aware of the situation so that accommodations and arrangements can be made.

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)

Composition Notebook (it may NOT be a spiral notebook)

Lined paper

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

At this time I am also taking class donations so that we 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
- Lined Paper
- Expo Markers (students will use them a lot this year during different activities)

**Proper Heading for Papers:**

In top right corner, please include the following:

First Name, Last Initial

Period

Date

Assignment Name

Assignments **must** be completed in pencil. Credit will not be given for work done in pen, marker, crayon, etc.

**Course Syllabus:**

Students will know which assignments are due and when upcoming assessments, projects, etc., are due by looking at the homework board and accessing the class' Canvas website.

**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: Second semester will focus probability and inferences. AP students will begin reviewing for their AP exam in April. While AP students are beginning their review, regular statistics students will finish working with inferences and begin working on their final project. AP students will have the opportunity to attend study sessions, which will allow them to be finished with the class once they take the exam on May 12th.

**Curriculum / Standards:**

This course will be taught according to the standards created by 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 # 5420R). 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.

|                          | <b>AP</b> | <b>Regular</b> |
|--------------------------|-----------|----------------|
| <b>Tests</b>             | 70%       | 50%            |
| <b>Quizzes</b>           | 10%       | 20%            |
| <b>Homework</b>          | 10%       | 15%            |
| <b>Discussion Boards</b> | 10%       | 15%            |

Tests: There will be 2 to 3 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 a 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.

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 on their homework during the beginning of the class. Students will also have homework assignments through the Canvas website that will be submitted online.

Discussion Boards: Students will be required to participate in weekly discussion boards. In addition to making initial posts on the discussion board, students will also be required to comment on classmates’ posts. Discussion points will be given based on participation, netiquette, and quality of what they added to the discussions.

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.

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 the system used to display grades and work progress. I am committed to updating student records bi-monthly 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.

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

Late homework will not be accepted. When students are absent, it will be important for them to communicate with Ms. Razor to make arrangements for homework.

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

Tutoring sessions are provided 2 to 3 days per week. Students and parents are also encouraged to visit the class' on the Canvas LMS. 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. Throughout the year students will use other websites like Quizlet and Socrative. All websites and additional resources will have links from the main class website, [www.msrazormath.com](http://www.msrazormath.com) and the Canvas classroom site.

### **Tutoring Times**

During the year the tutoring times may change due to other circumstances. Students and parents will be aware of the tutoring time changes through the weekly tutoring schedule in the room and announcements made in class. If you are unable to attend a tutoring time because of a scheduling conflict, it will be important for you to talk with Ms. Razor and make arrangements for the possibility of an alternate tutoring time.

Monday: 3:45 pm – 4:30 pm

Tuesday: 8:15 am – 9:15 am

Wednesday: Enrichment Period & 3:45 pm – 4:30 pm

Thursday: 8:15 – 9:15 & Enrichment Period

Weekly tutoring times will also be posted in the classroom. Students should understand that if there is a sub, there will not be tutoring that day.

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 to 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. Students may also receive extra help through the **JDHS Learning Center** located in the school library.

### **Behavioral Expectations:**

#### **Class Rules**

1. Show respect to all people.
2. Show respect to other people's property.
3. Talk at appropriate times and use appropriate language.
4. Bring all 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:**

Students are allowed to have food and drink in class as a privilege. If a student is late to class they will lose that opportunity. If a student does not clean up after themselves, they will lose that privilege. If a pattern occurs where multiple students are leaving messes, then the entire class will lose their privilege.

### **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:**

1. Ear buds and headphones are not allowed unless given permission from 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 other 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 FORM TO BE RETURNED TO EACH TEACHER. THESE FORMS WILL BE GIVEN TO STUDENTS IN CLASS.**