

## Mrs. Fisher's Statistics Class

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### 2012 – 2013 COURSE FOCUS

The purpose of this Statistics course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to for broad conceptual themes:

1. Sampling and Experimentation: Planning and conducting a study.
2. Exploring Data: Describing patterns and departures from patterns.
3. Anticipating Patterns: Exploring random phenomena using probability simulation.
4. Statistical Inference: Estimating population parameters and testing hypotheses.

### SAN RAMON VALLEY HIGH SCHOOL EXPECTED SCHOOL WIDE LEARNING RESULTS

At San Ramon Valley High School students will demonstrate:

- Curricular knowledge and skills
- Creative and complex thinking
- Effective communication
- Integrity and responsibility

### CLASSROOM RULES

- **DO NOT DISTURB YOUR CLASSMATES** - interruptions, eating, grooming, texting disturb the classroom setting.
- **BE POLITE and SHOW RESPECT** – bullying, put downs, sarcasm, or inappropriate language is not polite behavior and is not tolerated. District policy states that harassment in or out of the classroom is not to be tolerated. Harassment based on race, ethnicity, able-bodiedness, sexuality, perceived sexuality, gender, gender expression, monetary standing, religion or faith-base, or any other factor will be reported to the administration and dealt with accordingly. This includes slang such as 'that's so gay' or 'that's retarded.' Both are considered hate speech.
- **IT IS OK TO DRINK WATER IN CLASS** - No food or soda is allowed in class.
- **BE PREPARED TO LEARN** - BRING MATERIALS TO CLASS EACH DAY -- textbook, paper, pencil, and binder. Once the bell rings you cannot go back to the locker to retrieve forgotten items.

### CONSEQUENCES

Consequences will be dealt with in accordance with school policy as specified in the student guidebook.

### STANDARD CLASS PROCEDURES

**DAY to DAY IN CLASS WORK / NOTES:**

- Taking notes and solving in-class problems is an important part of learning statistics. Take neat notes and carefully put the notes in your Statistics binder. On the day of the chapter test I will collect your in-class problems and grade them for accuracy, completion and neatness.

**PHONES**

- Appropriate use of phones to enhance the learning experience in class is encouraged. Recording HW, taking quizzes, photographing what's on the board, looking up materials are all examples of appropriate use. **TEXTING IN CLASS IS NEVER APPROPRIATE** and will be dealt with according to school policy.

**RESTROOM USE:**

- **Use the bathroom before you get to class.** Bathroom privileges are for emergencies only. Missing instruction because you're in the bathroom hurts your grade. Please use the hall pass. You are responsible for making up what you miss during class.

**END OF CLASS:**

- Mrs. Fisher will give the cue when class is dismissed. Never ever gather by the door waiting for the bell to ring.

**SCHOOL LOOP:**

- School loop is used extensively as a way to **communicate with students and parents**. School loop contains:
  - ✓ Statistics resources
  - ✓ Grades
  - ✓ Assignments
  - ✓ Assessment Schedules

**RECOMMENDED MATERIALS:**

- ✓ **Three ring binder with dividers** labeled:
  - ✓ 1) Notes; 2) Homework; 3) Quizzes
- ✓ **One red pen**
- ✓ **Pencil, eraser and binder paper**
- ✓ **TEXTBOOK – bring to class daily**
- ✓ **TI-83/84 Graphing Calculator**

### TARDINESS and ABSENCE

- Tardiness is disruptive and interrupts the progress of other students. Tardiness will be dealt with in accordance with school policy as specified in the student guidebook.
- If an absence is legal, it is the **student's responsibility** to check for assignments, notes, class work, quizzes or tests missed. Make-up work is due in accordance with the SRVHS Student Guidebook. In the case of an extended absence, the student should arrange a reasonable due date with the teacher. In the case of an **unexcused** absence (cut, illegal, etc) any assignment/assessment given that day or due that day is unable to be made up for credit.
- **Cheating/plagiarism** will not be tolerated. All cell phones must be powered off and graphing calculators must be cleared before and after any assessment. Cheating/plagiarism will be dealt with according to the SRVHS Student Guidebook.

### ASSESSMENT PROCEDURES

**GRADE SCALE:** All tests, quizzes, and report card grades will be given according to this scale.

100 – 93.5 = A	89.5 – 87.5 = B+	79.5 – 77.5 = C+	69.5 – 67.5 = D+	59.5 – 0 = F
93.5 – 89.5 = A-	87.5 – 83.5 = B	77.5 – 73.5 = C	67.5 – 63.5 = D	
	83.5 – 79.5 = B-	73.5 – 69.5 = C-	63.5 – 59.5 = D-	

**Report Card Grades determined by:**

- ✓ 60% Tests/Quizzes
- ✓ 20% Semester Final Exam ( ½ project, ½ assessment )
- ✓ 20% Homework Completion/Class Problems

**TESTS, QUIZZES:**

- You know if you learned if you can talk about something and can teach it to someone else confidently, fluently and accurately. Each chapter you will have frequent grading experiences to assess whether or not you have learned the material.

**FINAL EXAM:**

- This exam is a multiple choice test that covers all the standards covered during a semester. Semester final exam will include a summary project.

**CLASS PROBLEMS / HOMEWORK COMPLETION**

- Statistics is not a spectator sport. The purpose of class problems/homework is to solidify understanding of the material. Most work will be done during class in the form of class problems. Sometimes you will be asked to complete problems at home. These will be due the day of the chapter test.

**NEED HELP:**

- Feel free to arrange for extra help. I am available during brunch, lunch, or after school. Tuesdays at 2:15 are set aside as "office hours".

Student Signature: \_\_\_\_\_ Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_