

# Ms. Groves AP Statistics Syllabus for 2024-2025

**Grading:** 10% Homework and Classwork  
90% Tests, Quizzes, and Projects

TI-84+ Calc. **REQUIRED**  
**2½" Notebook Recommended**  
Tip: Organize by chapter; plus AP tips tab

**Philosophy:** This is a college level course. I expect students to work at a college level.

**Book:** The Practice of Statistics (abbreviated TPS4e). **BOOK MUST be COVERED at all times \$\$\$**

**HW:** Homework will be assigned every class. You must show all of your work clearly to receive full credit. You are responsible for checking your own answers from the book, my web site, or see me. I grade homework on **completion & NEATNESS**, not correctness.  
 • Grading:  $\sqrt{+}$  (100%);  $\sqrt{0}$  (90%);  $\sqrt{-}$  (70%); **NW/NC** (0%).  
 • **Late homework (IP)** - minus 20 points/SCHOOL day late; IP NOT accepted after chapter test.

**Tests:** Test Corrections are encourage to earn half of your points back within 2 class periods to complete.

**AP Exam** Taking the AP Stats Exam is optional and not required

**USM Credit** All students will be signed up for USM credit (4-math credit and there is NO cost)

**Absences** If you are absent for a test, **you are expected to take tests the day you return** so I may hand back tests promptly. Make Up Tests are typically multiple choice only.

**Help:** See me or email [pgroves@brunswick.k12.me.us](mailto:pgroves@brunswick.k12.me.us) with questions or to set up a time to get help.

**My Web Site:** See [my web site](#) for assignments, notes, HW answers, study guides, etc.

**Academic** I expect academic integrity at ALL times. Cheating, plagiarism, unauthorized collaboration, copying others' work will

**Honesty** NOT be allowed and will result in a **zero for all students involved**.

| Quarter 1                                                                                                                                                                                                                                                                                                                                                                                | #classes  | Aprox Test Date           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------|
| AP Chapter 1 Exploring Data (basic statistics and graphs)                                                                                                                                                                                                                                                                                                                                | 3         | <b>Chapter 1 Test</b>     |
| <b>**** Summer Assignment DUE 1st class (no exceptions): 8-12 hours</b>                                                                                                                                                                                                                                                                                                                  |           | <b>3rd Class (~sep12)</b> |
| AP Chapter 2 Modeling Distributions of Data                                                                                                                                                                                                                                                                                                                                              | 5         | 1st wk Oct                |
| AP Chapter 3 Describing Relationships (linear regression)                                                                                                                                                                                                                                                                                                                                | 6         | Late-Oct                  |
| Quarter 2                                                                                                                                                                                                                                                                                                                                                                                |           |                           |
| AP Chapter 4 Designing Studies                                                                                                                                                                                                                                                                                                                                                           | 6         | Mid-Nov                   |
| AP Chapter 5 Probability                                                                                                                                                                                                                                                                                                                                                                 | 6         | 2nd wk Dec                |
| AP Chapter 6 Random Variables (QUIZ)                                                                                                                                                                                                                                                                                                                                                     | 8         | Early-Jan                 |
| AP Chapter 7 Sampling Distributions                                                                                                                                                                                                                                                                                                                                                      | 6         | Quiz week after MTs       |
| <b>Mid-Term Exam (Covers Chapters 1-7)</b>                                                                                                                                                                                                                                                                                                                                               | <b>na</b> | <b>Week Jan20</b>         |
| Quarter 3                                                                                                                                                                                                                                                                                                                                                                                |           |                           |
| AP Chapter 8 Confidence Intervals                                                                                                                                                                                                                                                                                                                                                        | 7         | Late-Feb                  |
| AP Chapter 9 Test a Claim                                                                                                                                                                                                                                                                                                                                                                | 7         | Late-Mar                  |
| AP Chapter 10 Comparing Two Populations or Groups                                                                                                                                                                                                                                                                                                                                        | 6         | Late-Apr                  |
| Quarter 4                                                                                                                                                                                                                                                                                                                                                                                |           |                           |
| <b>Cumulative Inference Test (Chapters 8-10)</b>                                                                                                                                                                                                                                                                                                                                         | <b>1</b>  | <b>Early May</b>          |
| <b>For Students taking the AP Exam:</b>                                                                                                                                                                                                                                                                                                                                                  |           |                           |
| → There will be no review in class.<br>→ Students will need to start preparing during April Break and pace your self.<br>→ Resources: Google Classroom study guides, StatMedic Review (\$29), AP Classroom.<br>→ AP Chapter 11 Inference for Categorical Data (not covered in-class but on AP Exam)<br>→ AP Chapter 12 Linear Regression Inference (not covered in-class but on AP Exam) |           |                           |
| <b>AP Statistics Exam is Tuesday, May 6, Noon-4pm</b>                                                                                                                                                                                                                                                                                                                                    |           | <b>5/6/25</b>             |
| <b>Student Final Summative Project (Gummy Bear Project Due Seniors Last Day)</b>                                                                                                                                                                                                                                                                                                         |           | <b>5/30/25</b>            |

AP Review is students responsibility