AP Statistics Summer Assignment

Welcome to AP Statistics!

Statistics is a challenging course with a high workload. Often students find that they need to put in much more time and effort than they have in previous math courses. If you do not adjust your efforts and commitment to this new challenge, your grade may be lower than expected. Carefully consider whether this is the correct course placement for you.

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1. **Read & Write: *Naked Statistics* by Charles Wheelan**

    ● Read the book *Naked Statistics: Stripping the Dread from the Data* by Charles Wheelan
    Naked Statistics

    ● Write a **100–200 word book review** that reflects your personal thoughts and insights.
    This review must be AI-proof – written in your own voice, including personal reactions, opinions, or connections to your life or interests.

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2. **Khan Academy: Get Ready for AP® Statistics**

    ● Join the Khan Academy class. Use this link.
    Class name: *LHS AP Statistics: Get Ready!*
    Class code: **K7686D35**

    ● **Important:**
    ○ Sign up using the link or code above.
    ○ Do not use your old account if you're already enrolled in another Khan class.
    ○ Check that your first name appears in the top right corner of the screen.

    ● **Complete the following assignments:**
    ○ 6 total assignments: one test for each of the five review units, plus the Course Challenge.

    ○ You're not required to watch videos or complete quizzes/exercises – but they're recommended if you need extra help.

    > Get ready for exploring categorical data
    > Unit

    > Get ready for exploring one-variable quantitative data
    > Unit

    > Get ready for exploring two-variable quantitative data
    > Unit

    > Get ready for probability
    > Unit

    > Get ready for random variables and probability distributions
    > Unit

    Get ready for AP® Statistics
    Course Challenge · 30 questions

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3. **Graphing Calculator Requirements**

   To succeed in AP Stats, you'll need to be comfortable using a graphing calculator.

   Recommended Models:

   - TI-84 or TI-84 Plus
   - TI-Nspire
   - NumWorks ([Numworks simulator](#))

   It's strongly recommended that you have your own calculator. If you don't have one, I do have a few TI-84s and a larger number of TI-Nspires available for use **in class**. If you already own a calculator (for this or another class), there's no need to purchase a second one.

   Notes:

   - TI-30XS MultiView DOES NOT have the required functionality. Please do not purchase it.
   - You can download a *Calculate84* app and use it on your phone **at home**, but you **will not be allowed** to use your phone in class.

Questions?

If you have questions about the course or the assignment, feel free to email me: nshemelina@lowell.k12.ma.us. Please do not email your summer assignment. You will submit it through Google Classroom – details will be shared when school begins.

"Statistical thinking will one day be as necessary for efficient citizenship
as the ability to read and write."
— H.G. Wells