

Augusta Christian Schools

# AP Statistics

## *Summer Work*

Mrs. Stephanie Kellogg

Please follow all the instructions. Failure to follow all directions will result in a zero on this assignment.

1. The purpose of this summer assignment is to get you reading and writing to prepare you for lots of reading and writing during AP Stat and to review some basic topics from previous math courses.
2. This is a college level course, and the expectation is that you rise to the challenge and demonstrate a college level work ethic and quality work .
3. Do not wait until the last minute to complete this packet.
4. This is an individual assignment. Please complete on your own and to the best of your ability.
5. At the end of the assignment, please rate the difficulty level and sign the printed statement.
6. Be sure your name is on the assignment.
7. If you have any questions, email me!
8. Turn the assignments in to Mrs. Kellogg at **orientation**.

### **Caution about Academic Integrity:**

DO NOT copy the answer to any assignment from sources you find on the internet. Doing so will be considered plagiarism and will result in a zero for the assignment. Answers must be in your own words!

**Student's Name:** \_\_\_\_\_

## **Part 1: Reading and Reflecting**

Statistics will be unlike any other math course you've ever experienced. In fact, many consider AP Statistics to be more of a science than a math course. Reading comprehension and clear communication skills are more crucial to your success in AP Statistics than raw math ability. We will go beyond fill in the blanks and short answers in this course. The answers will come from thinking about how and why things work the way they do and then using context to frame the scenario given.

You will read the following text:

- *Blink: The Power of Thinking Without Thinking* by Malcolm Gladwell
- You can find the book on Amazon for under \$15. Or check your local library for a copy.


After reading, you will write a two page reflection on your opinion of the book. You should refer to what you have read so that I know you indeed read it! Write clearly, using correct spelling and grammar. This is your own opinion, so it should not sound like anyone else's.

Your reflection should include :

- What you liked
- What you did not like
- Any questions you had or topics you did not understand
- What surprised you that you did not know before you read the book
- What the book might have to do with statistics
- Ways that the ideas of adaptive unconscious and thin slicing relate to your personal life experiences

## **Part 2: Skills Review**

You will work through the **“Get Ready for AP Statistics”** course on Khan Academy. See below for instructions on how to join our class on Khan Academy. To sign in to Khan Academy, choose “Sign in with Google” and then use your Augusta Christian email account. If you have any trouble finding where to put in the class code, go to “My Account” and Click on “Teachers”.



### How to join your teacher's Khan Academy class

- 1 Go to [khanacademy.org/join](https://khanacademy.org/join)
- 2 Enter your class code and press “Add”.  
Class code:           **HGU98TGQ**
- 3 If you don't already have an account, press “Create a new account”. Enter your date of birth, then sign up using Google, your school email, or by creating a username.
- 4 Enter your grade and course. Now you're ready to start learning!

- Once you have signed in and joined the class on Khan Academy, work through all topics in the 5 units (watch the videos and complete the practice exercises).
- After completing all 5 units, please complete the Course Challenge at the end.

On a scale from 1 to 10 (1 being extremely easy and 10 being extremely difficult), how difficult was this summer assignment? \_\_\_\_\_

Statement: “I did this work on my own and did not copy answers from any source.”

Signed: \_\_\_\_\_