

Century High School  
*Course:* **Introduction to Data Science**

Teacher: Mr. Lopic  
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Name: \_\_\_\_\_  
Period: \_\_\_\_\_ Date \_\_\_\_\_

**Course Descriptions**

Introduction to Data Science (IDS) is designed to introduce students to the exciting opportunities available at the intersection of data analysis, computing, and mathematics through hands-on activities. Data are everywhere, and this curriculum will help prepare students to live in a world of data. The curriculum focuses on practical applications of data analysis to give students concrete and applicable skills. Instead of using small, tailored, curated data sets as in a traditional statistics curriculum, this curriculum engages students with a wider world of data that fall into the "Big Data" paradigm and are relevant to students' lives.

**Required Materials**

These items must be brought to class everyday unless told otherwise.

- Composition book/notebook
- Paper
- Pencil

**Expectations**

- Students will commit to being prepared & on time daily
- Respect others, yourself, and property
- Follow directions the first time they are given.
- Work cooperatively with the teacher and members of the class.

**Policy**

- Electronic devices such as Cell phones are not permitted in the classroom unless specified by Mr. Lopic.
- Chewing gum, eating, or drinking is not permitted. (Bottled water is Okay)
- The use of inappropriate language is not permitted.

**Discipline**

Students will be held accountable for their behavior. Mr. West will apply the following consequences when students demonstrate misbehavior:

- 1<sup>st</sup> offense = warning
- 2<sup>nd</sup> offense = student / teacher conference
- 3<sup>rd</sup> offense = teacher detention
- 4<sup>th</sup> offense = Call home to Parents
- 5<sup>th</sup> offense = Sent to an alternative learning environment
- 6<sup>th</sup> offense = Referral to Administrator
- \*Sever clause = Referral to Administrator \*

\*If the nature of the misbehavior is one which is considered sever and may present a danger to students in the classroom students will be immediately referred to an administrator, bypassing the first four consequences.\*

## Grades

Your final grade for each grading period or semester will be composed of:

- 40% Classwork/Homework
- 20% Tests
- 20% Standards Based Quizzes
- 10% Final
- 10% Group Assessments

## Scale

- 90-100% --A
- 80-89% -- B
- 70-79% -- C
- 60-69% -- D
- 59% and below-F

## Homework

Homework will be given when work is not completed in class. It is the student's responsibility to copy down the daily assignment from the Board to their agenda. Homework is due the following day unless otherwise mentioned. Students will get a stamp for each completed assignment. Students will correct their own assignments before turning them in. Incomplete assignments will not be accepted; they must be completed and turned in by Friday of the week the assignment was due.

## Classwork

Classwork will be given in class that will provide the students with an opportunity to practice what has been taught. This also provides extra time for students to ask questions to further their understanding. Students are to complete and turn in classwork on the day the assignment is assigned unless otherwise mentioned.

## Quizzes

Quizzes will be mostly drawn from classwork and homework and will be given periodically (usually weekly). Expect a pop quiz that may arise any time during the week.

## R-Studio

Students will learn coding using the R-Studio software. They will complete Labs in groups.

## Absences and Makeup's

Students are expected to be in class on time daily. It is up to the students to makeup missed work due to excused absences. Students have one day for each missed day to turn in their assignments.

For a quiz or test score of D or F (excluding the finals) students will be permitted to retake them after scheduling and completing a tutoring session with Mr. Lopic before school or during lunch. The makeups can be completed before school or during lunch. Scheduling the time for the Makeups is the responsibility of the student. It must also be made up within two weeks!

## Cheating Policy

Any cheating will result in an **F grade**. Cheating includes copying the answers and communicating with others during a test, using notes or calculator when they are not allowed on a test or quiz, copying from another person's work, turning in another person's work as your own.

**More than anything, I wish you the best of luck and success in Math.**

Cut and Return Signed

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I have read and understand the policies and expectations listed above and I agree to comply with them.

Student Signature \_\_\_\_\_ Students Name Printed \_\_\_\_\_

Parent's signature \_\_\_\_\_ Parents Name Printed \_\_\_\_\_

Parent's Contact Phone Number: \_\_\_\_\_ and/or Email: . \_\_\_\_\_