**Forensic Science**

**Mrs. Sarenia Johnson**

**Course Syllabus 2021-2022**

**Course Description and Objectives**

The Forensic Science Georgia Standards of Excellence are designed to build upon science concepts from previous courses and apply science to the investigation of crime scenes. Students will learn the scientific protocols for analyzing a crime scene, chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence, and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.

Georgia Standards of Excellence for Forensic Science

https://tinyurl.com/h6hwnmwa

**Unit/Concept Names**

**First Semester**

Unit 0: Think Like a Scientist

Unit 1: Introduction to Forensic Science

Unit 2: Crime Scene Investigation and Processing

Unit 3: Impression Evidence

Unit 4: Trace Evidence: Hair & Fibers

Unit 5: Trace Evidence: Soil & Glass

**Second Semester**

Unit 6: Document Analysis and Computer Forensics

Unit 7: Drugs & Toxicology

Unit 8: DNA & Serology

Unit 9: Forensic Pathology

**Course Assessments/Activities:**

**· Tests:** Students will complete a pre-test to show what they may know before the start of the unit, and a post-test at the end of the unit to demonstrate what they have learned.

**· Projects**: I will frequently make cooperative learning assignments that the student will complete in teams with each member taking a part of a larger task or with all members reaching consensus about the same task. As a rule, when working in teams, each student is required to turn in his own paper. Only one paper will be selected at random for grading. Students may also be assigned long-term individual projects as well (i.e. Science Fair, Brochures, Reports, Presentations).

· **Class Activities:** Students will maintain a Portfolio that will contain daily warm-up questions, notes, vocabulary, and science aids.

**· Quizzes:** Students will complete a quiz and/or formative at the end of each lesson to show their level of progress.

· **Extra Credit:** Students may be given the opportunity to complete extra credit work to enhance their scientific knowledge, and overall grade.

**· Homework:** Students will be assigned homework as needed to further develop their understanding of a topic or as practice at home.

· **Labs:** Students will conduct digital lab activities to discover and understand the Science Units more effectively; lab safety techniques will still be highlighted.

**Late Work Policy**

Assignments such as Projects, and Portfolio will have deadlines. This work must be completed and turned in a timely fashion.

JUST DO IT!

In case of an absence, the work will be due upon the student’s return. Missed tests and quizzes will be scheduled. Please see me, or a peer buddy for any missed work or assignments.

**Evaluation**

* Summative Assessments 30% (Unit & Chapter Test, Projects, Tasks)
* Formative Assessments 70% (Quizzes, Class work, Graded Writing Assignments, Group Work, etc.)

**Classroom Procedures & Expectations**

1. **Be a S.T.A.R. (Student Taking Academic Responsibility).**
YOU are responsible for your education!
YOU determine your success or failure!

2. High expectations – ALL DAY, EVERY DAY!

3. Be PREPARED for each synchronous session with required materials on time every time.

4. Stay focused and stick to the topics.

5. Submit all assignments on time.

6. Adhere to all policies, rules, and regulations outlined in the RCSS student handbook.

7. Remember that you leave a digital footprint, so be careful what you put out there.

**My contact information:**

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