 **HS Physical Science**

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| **Instructor**Kynisha Okonkwo**Administrators**Principal GrantAP CrawfordAP Yates**Phone & Fax**Phone 706.823.5580Fax 706.796.4889*Teachers are unable to answer the phone during the day due to teaching responsibilities. Messages will be relayed to teachers from the office as soon as possible. Emails are preferred and will be answered within 24 hours. Emails sent over the weekend will be responded to on the next school workday.* | **Course Overview**In this course students will learn the fundamentals of chemistry andphysics. Students explore the moon, energy, the nature of matter and atoms, how chemicals mix and react, wave behavior, and the forces that are found in the universe. Students investigate physical science concepts through inquiry, exploration, labs, and collaboration. **Course Schedule**The sequence and topics listed below will remain consistent. Test dates will be within the last 3-4 days of each unit, followed by remediation and possible opportunities for grade improvement. The highest grade possible on a reassessment is 90%. The duration of each unit is subject to change based on a variety of factors, but exact dates will be communicated during each unit of study.

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| Unit | Standard[s] | Approximate Duration |
| Atoms & Periodic Table | SPS1a-c | 2.5 weeks |
| Bonding | SPS2a-c | 2.5 weeks |
| Chemical Reactions | SPS3a-b | 2.5 weeks |
| Nuclear Theory | SPS4a-c | 2 weeks |
| Properties of Matter | SPS5a-b | 2.5 weeks |
| Solutions | SPS6a-e | 2.5 weeks |
| Energy Transformations | SPS7a-d | 3.5 weeks |
| Motion | SPS8a-d | 4 weeks |
| Waves | SPS9a-e | 4.5 weeks |
| Electricity and Magnetism | SPS10a-c | 4 weeks |

**Materials Needed**1 inch 3-ring binder (2)Basic headphones with prong [no Bluetooth or apple/android adaptors]Basic Scientific Calculator Colored pencilsPencils/Pens/highlightersLined Index Cards **Grade Weights** Majors [Tests, Constructed Responses, and Projects] 60%Minors [Classwork, Quizzes, and Labs] 40%**Late Work**Students are allowed to turn in missing assignments until the end of a unit, though the highest average that can be given is a score of 90%. After the unit test, assignments for that unit or prior will not be accepted. |

**Attendance and Make Up Work**

It is the **STUDENT’S RESPONSIBILITY** to make arrangements to make up any work (notes, handouts, quizzes, and assessments) missed. It is within the teacher’s discretion to give a different assignment over the same material missed. If you miss a test due to an absence, you must make up your test within three school days upon your return.

**Lab Safety**

Lab safety rules will be followed during all labs or hands-on assignments. Visit science Canvas to view a virtual copy of the lab safety contract and additional lab safety materials there. \*Submission of the required Google form indicates that parents, guardians, and students understand and agree to adhere to all safety rules and procedures.

**Classroom Guidelines and Expectations**

1. Be on time and prepared for class.

2. Keep a positive attitude.

3. Respect yourself and the feelings, rights and properties of others.

4. Participate fully in class –during instruction, practice, labs, and videos.

5. Raise your hand if you have a question or need my attention.  Wait to be acknowledged before you speak.

6. Remain seated during classroom instruction, unless you are given permission by the teacher to get out of your seat.

7. Follow all safe laboratory practices.

8. This is a lab classroom: NO FOOD, DRINK, CANDY OR GUM.

**Behavior and Discipline**

Students are expected to adhere to rules and expectations established by the Richmond County Board of Education and RC Technical Career Magnet School. Students will be redirected for minor infractions that do not cause an immediate threat or harm to others. If students fail to self- correct their actions, this may lead to a student conference, cool down period, or parent contact. Major infractions will result in an immediate office referral.

**Honesty/Integrity**

Students are expected to engage in academic honesty, which is defined as submission of your own work for credit and not the work of another person. The following are considered violations of honesty and integrity:

* Allowing another student to copy **ANY** of your work during a graded assessment
* Copying or attempting to copy from another student’s paper during a graded assessment
* Use of or attempt to use any prepared notes, materials, programmed computers or other devices not approved by the instructor during a test or other graded assignment
* Verbal and nonverbal collaboration with another student during a test
* Obtaining or attempting to obtain in any manner a copy of questions or answers to an unreleased test
* Giving or offering information during an examination/test

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