



7th Grade Pre-AP Integrated Physics & Chemistry (IPC) Science Course Syllabus

Course Description –Rising Scholars Academy 7th grade IPC Science is an accelerated Science course geared towards meeting the standards set forth by the State of Texas and to increase the critical thinking ability of every student. It is a laboratory-oriented course which provides students an opportunity to investigate scientific concepts using the scientific method and make informed decisions using critical thinking and scientific problem solving. This course will allow the students to develop a deeper understanding of scientific methods and concepts as described in the Texas Essential Knowledge and Skills (TEKS).

Resources

2015. Chemistry: Matter & Change – Glencoe; McGraw Hill Education CPO Physics

Technology

The use of electronic devices will be permitted at the teacher's discretion.

Materials

2 Composition notebooks

Grading

Students' average will be calculated as follows:

- 40% assessments (test and quizzes)
- 35% labs and projects
- 25% homework and daily work

Homework/Daily work guidelines

Student's homework is due at the beginning of the period of the given due date. Students absent on a day homework is assigned shall be given the same amount of time to complete the assignment as the rest of the class and shall receive a due date for the next day the student returns to class. It is the student's responsibility to ask the teacher for any missing work. The maximum grade for any late/missing work will be a 70% and must be turned in within the same 3 week grading period. At the teacher's discretion, mandatory tutoring may be assigned until missing work has been completed.

Lab Work

Most lab work will be a team effort. Each member of a team is expected to make a contribution in achieving the objectives. Students not contributing to the work will be documented. Each student is expected to submit individual lab reports. Participating in lab activities is a privilege. All students will be instructed in the proper behavior in a science lab classroom. **If a student is**

asked to leave the classroom due to unacceptable behavior and/or unsafe classroom behavior, then the student will receive zero points for all missed classroom assignments that day. Penalties may include administrative consequences for an infraction of the Science Safety contract, which may range from detention to suspension. Repeated lab safety violations may result in the loss of lab privileges.

Common Assessments

- A. **Quizzes** are designed to monitor the student's progress on regular basis and may be announced or unannounced. Students are expected to be prepared for each quiz; there are no retakes.
- B. **Tests** will be scheduled after every major topic. Tests may consist of multiple choice, matching, true/false, fill in the blank and short answer questions.

Students who receive a failing grade on a test may retake an alternative test for a maximum grade of 70%. It is the student's responsibility to meet with the teacher (within 5 days) to schedule the following:

- 1. At least one tutoring session
 - 2. Retest date
- C. **Semester Exams** - Students are encouraged to maintain a Science notebook and keep quizzes and tests throughout the school year. **Semester exams will count 25% of the student's final grade. There is no retests for semester exams**

Projects

This course requires several major and minor projects throughout the year. Some of the projects may be online while others will need to be constructed by hand; however, all science students will be required to participate in a science exhibit, which will take place sometime during the year. Please make sure to use your planners to keep track of upcoming projects that are due.

Instructor

Mrs. C. Saucedo
Principal

Student's Signature

Parent /Guardian Signature