Mr. Russell’s Physical Science Course

**What you will need:**

1. Pencil
2. 3 ring binder
3. Colored pencil
4. College Rule Paper
5. Copy paper

**Classroom expectations:**

1. Be at school every day
2. Be on time
3. Be prepared
4. Be engaged
5. Be respectful to yourself and others.
6. Any student caught cheating will receive a zero for that particular assignment.

**Possible Consequences:**

I will contact parents for misbehaviors in class. Additional consequences may include a parent conference or a conference with another teacher. Students requiring several redirections will result in an office referral.

**Lab Fee:** $15.00

**Things To Remember:**

1. Absences need to be kept at a minimum.
2. Make up work will be available upon request.
3. Assignments and labs are due on due date.
4. Reminders will be given periodically through text messages. You can receive class information by sending a text to 81010 with the message @400ff9 for students in 1st block Physical Science.
   1. For 3rd block physical science you can send a text to 81010 with the message @c6f98

**Extra Help:**

If any student needs extra help, they should let me know and I will arrange a time in which they can stay and get help. Tutoring will be one day per week from 3:00 -4:00 pm. Typically this will take place on Wednesdays.

**Student Center:**  
At the side of the room I will have a student center. This is where all students will turn in assignments. This is also where they will get things I handed out on a day they were absent. There are items such as a stapler and a hole punch that the students may use at any time. My desk is completely off limits to students. Students are to take care of items made available to them or the items will no longer be made available. Students must ask permission to leave their seats to visit the student center unless they have special instructions such as turning in a test when they are through.

**Grading:**

Students grades will be achieved through Classwork/Homework assignments, frequent quizzes during learning, Unit Exams, Lab Activities, and a variety of out of class projects that will be assigned during the term.

Students will be given an end of the term exam covering all content materials covered during this class.

Physical Science

Week 1& 2 - Introduction, Lab Safety, What is Physical, Scientific Method ACOS 12, Ch. 1

Week 3 & 4- Matter and its States: Gas Laws, and other principles ACOS 5, Ch. 16

Week 5 & 6- Atoms and Periodic Table ACOS 1, Ch. 18,20

Week 7& 8 – Ionic and Covalent Bonds ACOS 3, Ch. 19

Week 8 & 9 – Chemical Reactions: Balancing Equations ACOS 4, Ch. 24

Week 10 & 11 – Solutions, Acids, Bases, and Salts ACOS 2, Ch. 23-25

Week 12 & 13- Nuclear Reactions ACOS 6/11, Ch. 10

Week 14 & 15- Motion, Velocity, and Acceleration ACOS 7, Ch. 2

Week 16 & 17- Forces ACOS 6/7, Ch. 3

Week 18 & 19 – Forces ACOS 6/7, Ch.3

Week 20 & 21 – Work and Energy ACOS 7/8, Ch. 4/5

Week 22 & 23 – Simple Machines ACOS 7, Ch. 5

Week 24 & 25 – Heat and Temperature ACOS 5, Ch.6

Week 26 & 27 – Waves ACOS 9, Ch.11

Week 28 & 29 - Sound and Light ACOS 9, Ch. 12/14

Week 30 & 31 – Electricity ACOS 11, Ch.7

Week 32 & 33 – Magnetism ACOS 10, Ch.8

Week 34 - Review

Week 35 - Final