Physical Science 2019-2020

Instructor: Jeff Neujahr **Office Hours:** 7:15 AM – 3:45 PM (or by appt.)
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COURSE OVERVIEW:
There are two basic reasons for studying science. First, it is the study of some of our attempts to understand our world and the universe. Second, its applications have and continue to produce changes in our society. Even if you do not enter into a science intensive field, you will have gained a deeper understanding of our ever-changing world.

MATERIALS NEEDED:

- 3-Ring Binder or Folder
- 1 Spiral Notebook (for Physical Science only)
- Pencil with an eraser & other easily obtainable supplies
- School issued planner
- School issued iPad (You must have an 80% to use your iPad.)
- Text: *Foundations of Physical Science with Earth and Space Science*, CPO, 2003. (Online)

GOALS:
The student will:

- Apply the steps of the scientific method.
- Communicate scientific data to others.
- Develop an understanding:
  - of the structure of the atom.
  - of the structure and properties of matter.
  - of chemical reactions.
  - of motions and forces.
  - of the conservation of matter and energy.
  - of the interactions of matter and energy.
  - of the energy of earth systems.
  - of geochemical cycles.
  - of the origin of earth systems.
  - of the origin of the universe.
- Develop proficiency and safety in the use of laboratory equipment.

- Develop physics specific vocabulary and language skills.

CLASS REQUIREMENTS

- COME TO CLASS PREPARED TO LEARN!!
- BRING POSITIVE ATTITUDE!!
- ENTHUSIASTICALLY PARTICIPATE IN ALL ACTIVITIES!!

CLASSROOM RULES

- Work hard.
- Be nice.

EXPECTATIONS

- It is always okay to do your best and ask for help.
- It is always okay to be kind and helpful.
- BOTTOM LINE: It is **never** okay to be disruptive. Being disruptive means you are interfering with learning or being hurtful.
- Students will be held accountable for their actions. When those actions are disrespectful and/or disruptive to learning environment, students will follow process with the classroom teacher before they re-enter the learning community.
- Students who choose not to own their actions will be given time to think away from other students until they are ready to re-join the learning community.

GRADING

- <u>Grades will be based on the district wide grade scale.</u>
- Final Grade Break-down for each Quarter

Assessments	40%
Labs/Quizzes	25%
Classwork	20%
Accountability	15%

  - Q1=45%; Q2=45%; & Sem. Test 10% = Semester #1
  - Q3=45%; Q4=45%; & Sem. Test 10% = Semester #2

- Chapter Tests will be given at the completion of most chapters.
- Quiz dates may or may not be announced.
- Assignments will be due when the instructor asks for them, any assignments turned in after that point will be considered late.

- Electronic copies will be utilized as much as possible and turned in through Google Classroom.
- All assignments MUST have student's full name and class period to receive credit. I WILL NOT search down owners of papers without names.
- Late papers handed in will earn a maximum of 80% credit if turned in within 24 hours. After 24 hours, a maximum of 50% credit will be earned.

- Accountability
    - Students will receive a weekly accountability grade (5 points/day).
    - Students may have points deducted for misbehavior in class, failing to turn in homework on time, plagiarism, etc. Anything that one student does that the instructor believes detracts from delivery of a quality education for all other students may result in accountability point deduction. The points lost for misbehavior or the reasons listed above may not be recovered.
    - Students will also lose points for absences and tardies.

- Plagiarism/Cheating
    - Anyone found cheating or plagiarizing work will be forced to follow the guidelines as written in the Student Code of Conduct. For a definition of cheating please refer to the code of conduct handout.

ABSENCES

- The students will be held accountable for all missed assignments, notes, etc. for any absence. (You must come to me and ask what you missed).
- Students that miss school because of a pre-excused reason need to notify the teacher as soon as possible. If you are attending a school function, your work must be made up ahead of time unless prior arrangements have been made. If students fail to make a plan to complete their assignment before the absence, they will receive a .1 on the assignment. Per school rules, students are required to come in after school to complete the assignment. Students may lose their accountability points for that week depending on what was missed.
- If you are absent due to illness/injury or a death in the family, follow the two-day rule: you'll have two days to make up work per day of absence. All work must be made up within five days of the absence per the student handbook.

SPECIAL NOTES

1) No use of the phone in the room without permission.

2) Students will be considered tardy if they are not in their seat with their materials when the bell rings. The first tardy is a warning. The second and all subsequent tardies will be a 30-minute detention or 25 accountability points.

3) Students are always allowed to use the restroom. However, a restroom visit during class time will cost either 25 accountability points or a 30-minute detention.

4) No use of personal listening devices without permission. Violators will have devices confiscated until you graduate or your parent/guardian comes to pick them up.

Declaration of Accountablity

Physical Science 2019-20
Mr. Neujahr

By signing this paper the student and parents/guardians agree to be held accountable for all the expectations and rules set forth in this syllabus for Mr. Neujahr's Physical Science class. Violations of rules will result in disciplinary action as outlined in the Student Handbook and the Student Code of Conduct.

Take this syllabus home and go over it with your parents. After you and your parents have carefully read it and understand it, please sign and return it .

Name of Student: _____ (print)

Student: _____ Date:_____
Signature

Name of Parent/Guardian_____ (print)

Parent/Guardian_____ Date:_____
Signature