

Integrated Physics & Chemistry (IPC) Syllabus 2020-2021

Mrs. Mathis-Mason, E131

Conference period: 1st

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Class Information

This course is comprised of one semester of Chemistry and one semester of Physics (no sequential order) designed to introduce and better prepare you for future full year Chemistry or Physics studies. This semester you will be learning *Physics* which is a science that deals with the properties, changes, and interactions of matter and energy in the *PHYSICAL* world.

Materials Needed to Be Successful:

- Textbook: McGraw-Hill Physics Principles & Problems
 - ❖ Can be accessed from the HUB under "Digital Resources"
- Wabbit Scientific Calculator (we will download it together on the first day of school)
- Notebook/paper for notetaking and calculations (OneNote Digital Notebook is provided to you by the district)
- Ruler, pens, pencils and erasers

Grading and Related Policies:

- **70% Major Grades (Tests and Projects)**
- **30% Minor Grades**
 - Class work/flex work/homework, weighted x1
 - Labs & quizzes, weighted x2
 - "Check" grades (*see policy below*)

Tests: Since Major grades are 70% of your class average, your six weeks grade will strongly reflect how you perform on tests. Notice for tests will always be posted at least a week in advance.

Test Re-Takes: Any student scoring **79 and below** on a test may complete the test retake; the maximum grade that can be entered in the gradebook for a retake is an 80 (*per WHS campus policy*). Dates, times, and prerequisites for test retakes will be announced during our Microsoft TEAMS class time.

Classwork / Flex work / Homework: Assignments may be graded based on the number of questions you get correct (traditional grading), or as a check grade (completion grading). You may not know in advance what type of grade will be assigned so always complete all assignments to the best of your ability.

Late Work: Assignments have due dates and each assignment is planned with a specific timeline in mind to help you to acquire the learning necessary to demonstrate mastery on assessments. It is important that you exert deliberate effort to stay on track with the due dates for your work. **As established by our campus, deadlines for daily assignments during virtual learning is at 11:59 pm. Late work will only be accepted before answers have been posted and/or discussed by the teacher online and will receive a 10 point deduction per day from the deadline. Projects cannot be submitted late due to the strict end of the six weeks grade submission deadlines established by the district.**

Make-up Work: It is very helpful to correspond with me via email or MS-TEAMS chat if/when you know that you will be absent. To get caught up on your own, find the appropriate day(s) that you missed on The Hub to review the recorded live meeting and any other posted activities. You are allowed the same number of days missed to turn in makeup work. **Missed tests must be made up before the answers are unlocked;** if you fail to meet this requirement, you must follow the appropriate steps for retakes.

(Virtual) Classroom Expectations:

- Participate in each of the 30 minute live sessions to have a smooth learning experience, avoiding absences & tardies.
- Be courteous! Use the raise your hand feature to ask questions during TEAMS instruction.
- Effort is commendable! Always give your best effort no matter what....it matters to me!
- Be present! Ask questions during the live sessions and take advantage of the flex time following each class meeting. One on one tutorials are available by appointment during daily office hours from 12:05 – 1:00 pm, just send me a message in TEAMS 😊

IPC Scope & Sequence (subject to change as necessary)

	Content/Major Topic	
1 st Six Weeks	Kinematics (Motion), Forces and Momentum, Six Weeks Project	(30%)
2 nd Six Weeks	Energy, Heat, Six Weeks Project	(30%)
3 rd Six Weeks	Sound & Waves, Light, Project	(30%)
Final Exam		(10%)