



8th Grade Science Syllabus



DAILY PROCEDURES/IMPORTANT INFO:

- PREP – Students have three minutes from the tardy bell to prepare for class. Students should be silent, seated, and have the following completed at the end of the three minutes.
 - Pick up materials: handouts, journal, and device if needed.
 - Read the board: Make notes in agenda. If a device is needed for the day check one out.
 - Engage in Do-Now: Write the **highlighted question** and explain your answer.
 - Put your non-science belongings away: Close your device completely until you are instructed to use it. Work for other classes will be picked up if you are working on it during our lesson.
- JOURNAL—All students are required to have 1 notebook (**100 pages or more, college ruled**) that will serve as your Science Journal for the entire school year. We will set up our journals together in class. Science journals will contain notes and class activities. **Students are expected to follow the same page numbering and titles as the teacher exemplar. Pop quizzes over the journal contents are conducted periodically.**
- DO-NOWS—Students will create a section for Do Nows in the back of their journal. When you come to class, write the **highlighted Do Now question** in the appropriate space on your Do Now paper and record your answer and justification. You will have **three minutes from the bell** to complete the Do Now. Class discussion will be held shortly after attendance is taken and you will often be asked to share your response. Do Now questions may be used during pop quizzes over journal content.
- END OF CLASS: Five minutes before the bell, students may begin packing up at teacher direction. All lab and class supplies must be cleaned up before dismissal. Laptops must be appropriately stowed in the carts and plugged in. You must be seated and silent to be eligible for dismissal.

NOTES/HANDOUTS/REVIEWS:

- In addition to your journal, all notes, handouts, and reviews needed for any given week will be posted on Schoology.

MAKE-UP WORK POLICY:

- You will receive one day per day you were absent to complete your work. See the absent bin for papers and procedures. Watch the lesson videos in Schoology and fill out the handouts. Check Schoology for CFUs.

LATE WORK POLICY:

- **10 points will be deducted from an assignment for every day post-due date.**
- **If an assignment is more than three days late, lunch detention or Advisory intervention may be assigned by your science teacher.**

RETAKE POLICY:

- If you fail a test and would like to retake, you must:
 1. Attend a unit reteach in class, during before or after school tutorials, or Advisory intervention.
 2. Complete the retake test in Schoology by the appropriate due date.
- Bridging the Gap: Students that earn under a 70 on a major grade assessment must complete one of the following options before taking the next assessment, regardless of unit.
 1. Complete the EduSmart review playlist in Schoology for the next upcoming test.
 2. Attend at least one tutorial session between the failed test and the next test.

TUTORIALS:

Morning tutorials will be 8:10 – 8:45am,

Afternoon tutorials will be 4:10 – 4:45pm.

- McVey: Tuesday morning
- Alexander: Tuesday and Wednesday afternoon
- Hill: Wednesday and Thursday morning

OUR YEAR AT A GLANCE:

- Safety and Review of Scientific Process (ongoing)
- Physics – Forces, Newton's Laws, Speed/Velocity/Acceleration
- Chemistry – Subatomic Particles, the Periodic Table, Counting Atoms, Chemical Reactions
- Universe – Electromagnetic Spectrum, Life Cycle of Stars, Origins of the Universe
- Earth, Moon, and Sun – Days, Nights, and Seasons, the Lunar Cycle, Weather
- Earth's Forces – Plate Tectonics, Topographic Maps
- Ecology – Symbiotic and Non-Symbiotic Relationships
- Middle School Review
- End of Year Student Interest Project