Collinwood High School

15210 St. Clair Avenue Cleveland, OH 44110

Physical Science 2020 – 2021

1st Quarter Virtual Syllabus

Teacher Information: Ms. Philana F. Williams, M.S.Ed.
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Course Description: Physical Science is a freshmen level comprehensive science course. While covering a wide range of topics students will apply what they learn to everyday situations by conducting investigations and formulating and testing their own hypotheses. The role of the student in this course is to develop inquiry, mathematical and problem solving skills within the context of scientific investigation. Assessment of a student's progress is based upon daily assignments, labs, activities, homework, classwork, discussions, do now/bell work, quizzes, tests, projects, class participation and attendance.

Physical Science Vision: Students will develop personal and academic skills to enable them to take positive control of themselves and their communities. Students will be prepared and ready for their tenth grade science course. Students will develop a mastery of content and critical thinking skills, building confidence in their own abilities, to ensure that they are on track towards college and career readiness. They will have developed interpersonal, problem-solving and communication skills to succeed personally, professionally, and within their communities.

Location: Easily located in Schoology or through Teams in the Virtual Classroom or in Room 120 at Collinwood High School in the Physical Classroom (when safely possible).

Office Hours and Conference Information: I am usually very easy to contact and will work diligently to respond to you as soon as possible. I am available to talk with parents, guardians and students during Office Hours on Wednesdays between 10:00 am and 11:00 am and other times by appointment only. Feel free to email, call or text as needed (between 8:00 am and 8:00 pm Monday - Friday). I will also be using ***Remind 101*** with all of my classes this year.

Class Periods: I will be teaching three sections of Physical Science this school-year.

1st Period: 8:30 am – 9:15 am – On Mondays and Thursdays we will be together for *synchronous* (on screen, group) lessons and activities. On Tuesdays and Fridays there will be *asynchronous* (off screen, self-paced) lessons, videos, assignments, and activities provided.

3rd Period: 9:50 am – 10:35 am – On Mondays and Thursdays we will be together for *synchronous* (on screen, group) lessons, videos, assignments, and activities. On Tuesdays and Fridays there will be *asynchronous* (off screen, self-paced) lessons and activities provided.

6th/7th Period: 12:30 pm – 1:15 pm – On Mondays and Thursdays there will be *asynchronous* (off screen, self-paced) lessons, videos, assignments, and activities provided. On Tuesdays and Fridays we will be together for *synchronous* (on screen, group) lessons and activities.

This schedule may take some time to get used to so please be patient!

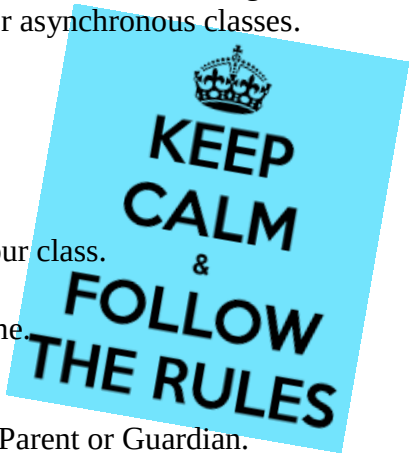
Textbook: *Physical Science, Glencoe* (2017), the online edition will serve as our reference tool during our virtual learning time. When in person classes are available there will also be a physical textbook available to each student.

Materials: Below you will find a list of materials needed for this class. Please obtain these Materials for daily at home use by Monday, September 15, 2020. This will allow for you to easily and productively work within this class during our time of virtual learning.

- Textbook (Virtual)
- 1 Subject Spiral Notebook (additional notebooks needed for each quarter)
- Calculator
- Highlighter(s)
- Various materials for labs and activities
- Pens and Pencils
- Loose leaf or plain white paper
- 1 pack of index cards
- USB flash drive (optional)

Course Requirements/Rules:

1. **Be Prompt**
   - Try to arrive to the virtual classroom prior to class start time and remain in class until dismissed. Attendance will be taken for both synchronous and asynchronous classes.
2. **Be Prepared**
   - Have all supplies available for use daily. Be ***camera ready*** on days when you are to be in synchronous classes or meetings with a shirt/top appropriate for a school setting. You may have an actual recent picture of yourself available for asynchronous classes.
3. **Be Productive**
   - Work on Physical Science when you are in this class.
   - Complete missing or incomplete work.
   - Come to Office Hours as needed.
4. **Be Polite**
   - Mute your microphone when not addressing the Teacher or your class.
   - No inappropriate, derogatory or profane language.
   - Refrain from eating and drinking during synchronous class time.



Consequences: If a student breaks a rule the following will take place:

1st or 2nd Offense: Verbal Reprimand/warning to Student and/or notify a Parent or Guardian.
3rd or 4th Offense: Wednesday Virtual Conference and/or Afterschool Virtual Detention.
Additional Offenses: Referral to Administrative Team.

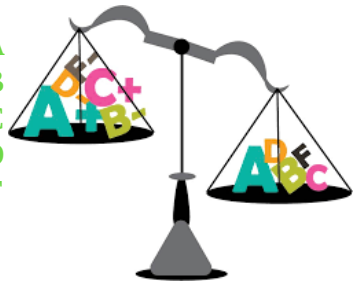
Grading Policy: Grades will be based on a point system. Students will receive points for daily for all work assigned.

YOUR GRADE IS BASED ON THE FOLLOWING FOUR AREAS:

- ✓ Tests and Quizzes
- ✓ Discussions, Attendance and Participation
- ✓ Labs, Activities and Projects
- ✓ Bell work, Class work and Homework
- ✓ Additional opportunities for extra credit will also be available.

Grading Scale

90 – 100% = A
80 – 89% = B
70 – 79% = C
60 – 69% = D
Below 60% = F



1st Quarter Virtual Outline: All dates are approximate and subject to change.

Date	Topic(s)
Ongoing	*Schoology and Team Training and Social Emotional Learning (SEL)*
Week of September 8th	• Introduction to Schoology and Teams • Collinwood History • Building Culture • Who am I Activity
Week of September 14th	• Introduction to Schoology and Teams • Posting to a Discussion and Submitting work • Test Your Knowledge of Physical Science • Classification of Matter
Week of September 21st	• The States of Matter • Physical and Chemical properties of matter • Changes in Matter
Week of September 28th	• Changes in Matter • Introducing Atoms
Week of October 5th	• Atoms • Ions • Isotopes
Week of October 12th	• Atoms, Ions and Isotopes • Periodic Trends of the Elements
Week of October 19th	• Introducing Compounds • Ionic and Covalent Bonding
Week of October 26th	• Reactions of Matter • Transfer of Thermal Energy
Week of November 2nd	• Review of Matter • First Quarter Test