Leroy Greene Academy
Conceptual Physics
Syllabus

Teacher: Ms. Kristy Cohen **Location:** G107 **Email:** Kcohen@natomasunified.org

Office Hours: Thursday: 7:30 AM – 8:30 AM; Monday: 3:50 PM – 4:50 PM

Class Resources & Websites

1. **Syllabus and Safety Contract**
2. **Infinite Campus: Access through student portal.**
3. **Google Classroom: To be assigned during class.**
4. **STEMscopes and other Class related links.**

Classroom Norms Class norms are based on an inclusive community approach where it is imperative that our classroom space be strongly committed to providing an atmosphere for learning that respects all members without regard to race, ethnicity, religion, culture, sexual orientation, gender identity, language, national origin, age, disability, citizenship status, and socioeconomic status. While working together to build an inclusive community, we ask ourselves and all members to communicate and behave in a respective manner keeping in mind that ideas —not people—may be challenged and to be open to the views of others by honoring the uniqueness of each other

Course Description
This course will be broken down into six segments:

1. Forces and Motion
2. Forces at a Distance
3. Energy Conversion and Renewable Energy
4. Nuclear Processes and Earth's History
5. Waves and Electromagnetic Radiation
6. Stars and the Origins of the Universe

These segments will then be chunked into more specific topics. Lessons will include in-class investigations, online media, engaging texts, and varied assessments designed to support Next Generation Science Standards' three dimensions: science and engineering practices, crosscutting concepts, and disciplinary core ideas. Many opportunities will be provided for students to engage with, investigate, and make sense of natural phenomena in their own lives.

Textbook STEMscopedia (will be provided in Google Classroom)

Required Materials School Issued Chromebook (and charger), Writing Utensil, Notebook (If there are any financial hardships preventing you from obtaining these materials, please contact me privately)

Expectations for Student Conduct During class, students are expected to contribute input that is relevant to the discussion topic and that adds to the intellectual substance of the class. Active participation from all students is required which means both sharing ideas and listening to others,

and not being off-task on a cell phone or computer, or distracted with another classmate. Students are expected to treat each other and the teacher with respect, which includes respecting everyone's self autonomy and property, classroom norms and procedures, and the campus policies in the LGA Student/Family Handbook. In particular, LGA does not allow cell phones in class in order to ensure a high quality education.

Since other students' views may not always align with your own, it is imperative that you respect disparate opinions. People can change their beliefs and ideas as better reasoning or evidence comes along, so it is important to challenge ideas and not people if you disagree with them. The class should be a productive learning environment in which students can learn from one another, from the teacher, from texts, and from course activities. Students are also expected to produce their own authentic work; plagiarized work from peers, unauthorized resources or AI will not be accepted for credit, and a zero will be given to all individuals intentionally involved with the plagiarism.

Grading:

0 - 59% **F** 60 - 69% **D** 70 - 79% **C** 80 - 89% **B** 90 - 100% **A**

***Note:** Current Grades can be accessed at any time on Infinite Campus.

LGA Weighting

- **65 % Summatives**: Quizzes, Exams and Finals
- **30 % Formatives**: Assignments, Labs, Investigations, Projects, Homework
- **5 % Academic Responsibility**: Daily Warm-ups, Bringing Required Materials to Class

Late Work Formative late work is not accepted. However, I understand that something unexpected can come up, if an extension is needed, please communicate with me before the due date. If you don't communicate your need for an extension before the due date, it will not be accepted for credit. However, it may still be submitted for feedback.

Retakes Positive Academic Week (PAW) is the last day students can retake summative quizzes and exams for credit. PAW dates are the second to last Friday of every quarter. If a retake is needed, the student must be able to attend an office hour session to re-take the summative. Additional requirements of the re-take is to show proof of initial reflection and corrections of original exam. No outside resources are allowed on re-takes. If for any reason an office hour session is not possible to attend, please let me know through email so that we can set up an appointment.

I read and understood the class syllabus:

_____	_____	_____
Student Name	***Student Signature***	***Date***

_____	_____	_____
Parent/Guardian Name	***Parent/Guardian Signature***	***Date***