



7th Grade Science - Mr. Seilhamer



Dear Students and Parents/Guardians,

Welcome to seventh grade science! I hope that you are excited for the adventure ahead of us. As a teacher, I feel it is very important to find the best ways my students learn. I will be planning activities that incorporate many different learning styles so that all of my students can achieve a meaningful understanding of the topics covered. My teaching philosophy is based on generating interest and gaining knowledge in the field of science, while creating an engaging and positive learning environment. This year should be full of growth intellectually, socially, and emotionally. **I want to reassure you that I am here for the students' well being, and to provide a safe and positive learning environment for all students.**

We will be taking a look at many concepts this year through the fields of Earth, Life and Physical Sciences. Here is a list of the units we will be covering:

- #1 - Scientific Inquiry - *scientific method, experiment setup, and problem solving*
- #2 - Properties of Matter - *elements, the periodic table, solutions and mixtures*
- #3 - Energy - *energy forms, energy transformations, circuits, and electricity*
- #4 - Earth-Moon-Sun Systems - *moon phases, tides, eclipses, and seasons.*
- #5 - Earth's Water - *water properties, water cycle, water sources, and water quality*
- #6 - Earth's Atmosphere - *layers of the atmosphere, its composition, wind, and global circulation*
- #7 - Earth's Climate - *climates found all over the world and climate change*
- #8 - Earth's Biomes and Ecosystems - *populations, biomes, energy/matter transfer, and succession*

IF YOU ARE AN EXPERT OR WORK IN THE FIELDS OF SCIENCE WE COVER THIS YEAR AND WOULD LIKE TO SHARE WITH THE STUDENTS, PLEASE LET KNOW. WE WOULD LOVE TO TAKE ADVANTAGE OF YOUR EXPERTISE AND EXPERIENCES.

E-mail: aric.seilhamer@gocreek.org

The more we work together the more successful your child will be!

Sincerely,

Mr. Aric Seilhamer

Learning Materials: (only wired headphones allowed - no ear buds!)



This year we will be using a variety of resources and you are responsible for all of them!

1. Chromebook: We will use this EVERY SINGLE DAY so keep it CHARGED!

2. Textbooks: You will receive your own copy and may keep it at home.

- Students will have the online version and a classroom set available in person

3. Folder: You will need this to keep your materials **organized** and neat.

4. Student Agenda/Coy Card:

- For parent communication on work and behavior as well as planning your day.

Expectations/Rules: To make this year a wonderful learning experience please consider and follow the class expectations. Your choices set the tone for the day so follow THE COY WAY!

1) BE RESPECTFUL:

- * be respectful of others and their time
- * be willing to help anyone anytime
- * be KIND to ALL

2) BE RESPONSIBLE:

- * be prepared and give your best effort
- * follow all rules + expectations (be accountable for them)

3) BE SAFE:

- * think before you act
- * Report all concerns to adults

Grading Policies: please follow these and be aware of your responsibilities

1) How will I be graded? (weighted grading system: 50% on assessments, 50% on classwork)

- Tests/Projects = 50-75 pts
- Assessments/Labs= 20-25 pts
 - 3-Strike Policy on all Lab Activities - students can lose points for being off task and or disruptive
- Homework (almost never)/Classwork= 5-10 pts

2) Are You Absent?

Need the Lesson/Work? please check the Google Classroom Page, Progressbook, and or my Teacher Webpage: for daily info on what we did in class, what the homework is, and for classroom announcements.

Signature of Understanding

- *by signing this you are aware of and understand the class expectations.*

_____ (sign here) _____ (date)