

At-Home Learning for Thursday, 3/19, to Friday, 4/3

The weeks during which we are “sheltering-in-place” to slow the spread of the novel coronavirus are an opportunity for us to:

1. Learn about an area of “applied” science that is critical to human society in ways we often take for granted: the field of public health.
2. Continue our current work on understanding of matter in the geosphere through minerals (and rocks; to be learned later.).
3. Review content we covered earlier in the year

Doing the work correctly and completely can have three important results:

- Deepen your knowledge of an area of science that is more important to understand now than any other time in human history
- Improve your mastery (and grades) on previous skills and topics
- Prepare you for the final exam currently scheduled for the end of May

The best way to stay on top of work for our class is to use what is posted in google classroom. The topics we will be covering are listed below. Links will be added to each as details as we progress through the schedule. Class “office hours” will be emailed and posted on google classroom. At the beginning of each session an invitation a video conference will be emailed/posted so you can join so that we can check in, go over content, and answer questions.

I. Public Health (Th, 3/19 & F 3/20)

Science LA task COVID-19 CER

1. View the [COVID -19 Slide presentation](#)
2. Watch <https://www.youtube.com/watch?v=Fqw-9yMV0sl&feature=youtu.be>
3. Create a CER (see GCR for parameters: due Tue 3/31) Create a claim that answers the question based on the Slide presentation
Use the Question: How can you and your family protect yourselves from COVID-19?
Create an evidence section where you draw on facts and statistical information from the presentation.
Write a three paragraph Reasoning essay

II. Review of Spheres of the Earth and minerals and Cosmology and Stars

- | | |
|---|-------------------|
| A. Cosmology, stars and galaxies | M & T, 3/23 - 24 |
| B. Solar system formation, planets and our Sun | W & Th, 3/25 - 26 |
| C. Earth's spheres, the geosphere, minerals and rocks | F & M 3/27,3/30 |

III. Review of 1st semester

- | | |
|--|--------------------|
| A. Modeling Motion & Newton's 1st Law and Force Diagrams | T & W 3/31- 4/1 |
| B. Newton's 2nd Law and $F=ma$ & Newton's 3rd Law and $P=mv$ | Th & Fr, 4/2 - 4/3 |
| C. Gravity, Projectile Motion, Orbital Motion | TBD |

Extend learning on topics already introduced

1. Online learning resources specific to the Unit content for extended learning.
 - a. I recommend students access Google Classroom stream ~3x each day. Keep postings to the Stream school appropriate with the intent of helping each other progress through the pandemic.

Make up work: **ANY Late, completed or revised work from Second Semester is due by 03 APR 2020.**

- a. Late work
- b. Incomplete fixes
- c. Revisions

Sense of Normalcy

- d. Communicate, use the question feature on Gclass and students interact via Gclassroom respectfully and responsibly.