

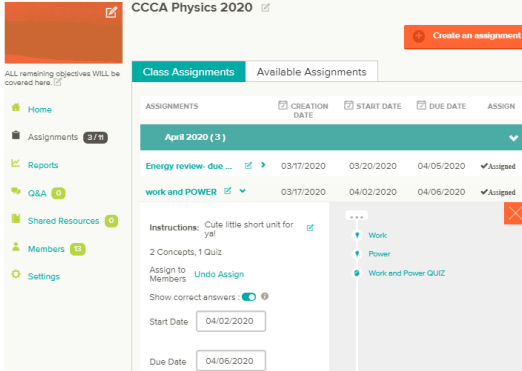
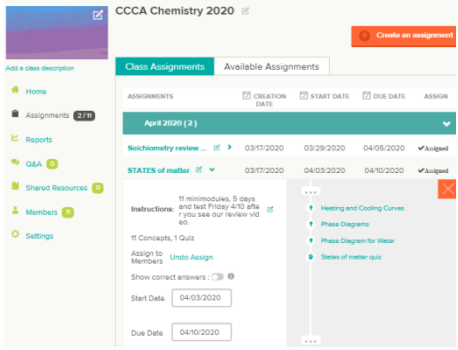
Phys/Chem Weekly Planner: All science week of 4.6.2020

(remember all previous weeks are archived below)



Objectives for the week: Chm.2.1.1 Explain the energetic nature of phase changes.

Phy.2.2 Analyze the behavior of waves.

Day	<h2>Honors Physics</h2> <p>Please submit any work you have done during the week of 3.16 via schoology.</p>	<h2>Honors Chemistry</h2> <p>Please submit any work you have done during the week of 3.16 via schoology.</p>
<p>Mon 4.6</p>	<p>Sign up for CK12.org CLASS CODE: mehsd Your assignment looks like this:</p>  <p>Do all the reading, videos and guided practice for just work, power, and the quiz for it (two minimodules and a quiz). Start up video: https://screencast-o-matic.com/watch/cYf1cEanap</p> <p>ZOOM meeting scheduled.</p>	<p>Sign up for CK12.org CLASS CODE: g6V1m Your assignment looks like this:</p>  <p>Do all the reading, videos and guided practice for STATES of matter (all week to complete 11 minimodules plus test/quiz). Move at your own pace through the week. Start up video: https://screencast-o-matic.com/watch/cYf1cEanap</p> <p>ZOOM meeting scheduled.</p>
<p>Tues 4.7</p>	<p>Do all the reading, videos and guided practice for INTRODUCTION to Waves. There are 12 minimodules for you to do at your own pace and you have this week and the weekend to do them. Take the test AFTER I do the video review for you! *Ignore angular equations (ω) Physics video: https://screencast-o-matic.com/watch/cYfiqVaqf0 ZOOM meeting scheduled.</p>	<p>Do all the reading, videos and guided practice for STATES of matter (all week to complete 11 minimodules plus test/quiz). Move at your own pace through the week.</p> <p>Chemistry video: https://screencast-o-matic.com/watch/cYfjFHatKM</p> <p>ZOOM meeting scheduled.</p>
<p>Wed</p>	<p>Do all the reading, videos and guided practice for INTRODUCTION to</p>	<p>Do all the reading, videos and guided practice for STATES of matter (all</p>

4.8	<p>Waves. There are 12 minimodules for you to do at your own pace and you have this week and the weekend to do them. Take the test AFTER I do the video review for you! *Ignore angular equations (∅)</p> <p>ZOOM meeting scheduled.</p>	<p>week to complete 11 minimodules plus test/quiz). Move at your own pace through the week.</p> <p>ZOOM meeting scheduled.</p>
<p><i>Thursday</i> 4.9</p>	<p>Do all the reading, videos and guided practice for INTRODUCTION to Waves. There are 12 minimodules for you to do at your own pace and you have this week and the weekend to do them. Take the test AFTER I do the video review for you! *Ignore angular equations (∅)</p> <p>ZOOM meeting scheduled. Test Review video: https://screencast-o-matic.com/watch/cYfQqgaamQ</p>	<p>Do all the reading, videos and guided practice for STATES of matter (all week to complete 11 minimodules plus test/quiz). Move at your own pace through the week.</p> <p>ZOOM meeting scheduled. Test Review video: https://screencast-o-matic.com/watch/cYfQ2caxWQ</p>
<p><i>Friday</i> 4.10</p>	<p>Do all the reading, videos and guided practice for INTRODUCTION to Waves. There are 12 minimodules for you to do at your own pace and you have this week and the weekend to do them. Take the test AFTER I do the video review for you! *Ignore angular equations (∅)</p> <p>TEST: Energy- let me know if you would like an extension till Monday AM.</p>	<p>Do all the reading, videos and guided practice for STATES of matter (all week to complete 11 minimodules plus test/quiz). Move at your own pace through the week.</p> <p>TEST: States of matter- let me know if you would like an extension till Monday AM.</p>

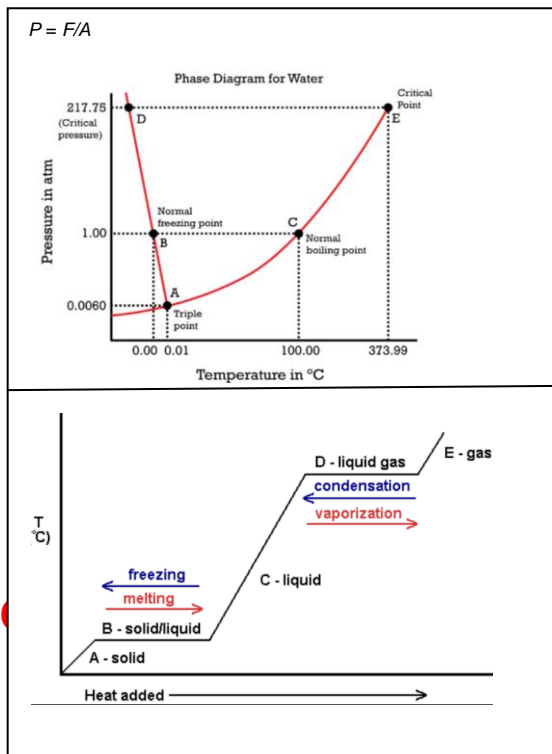
MODELING an EPIDEMIC:

<https://www.khanacademy.org/computer-programming/modelling-an-epidemic/6131690633428992>

Chemistry Reference Tables

Name	Value
Avogadro's number	6.022×10^{23} particles/mole
Gas constant (R)	0.0821 $\frac{\text{L} \cdot \text{atm}}{\text{mole} \cdot \text{K}}$ 62.4 $\frac{\text{L} \cdot \text{mmHg}}{\text{mole} \cdot \text{K}}$ 8.314 $\frac{\text{L} \cdot \text{kPa}}{\text{mole} \cdot \text{K}}$
Standard pressure	1.00 atm = 101.3 kPa = 760. mmHg = 760. torr
Standard temperature	0°C or 273K
Volume of 1 mole of any gas at STP	22.4 L

Thermodynamic Constants	Symbol	Value
Heat of fusion of water	H_f (water)	334 J/g
Heat of vaporization of water	H_v (water)	2,260 J/g
Specific heat of water	C_p (water)	2.05 $\frac{\text{J}}{\text{g}^\circ\text{C}}$ for ice, 2.02 $\frac{\text{J}}{\text{g}^\circ\text{C}}$ for steam, 4.18 $\frac{\text{J}}{\text{g}^\circ\text{C}}$ for liquid



Warm up activities!

week

Monday -

<https://evanscca.weebly.com/>

TURN OFF cell phone and put in the bin 😊

PHYZ Warm up: TURN OFF cell phone and put in the bin



CHEM Warm up: Turn OFF your cell phone and put in bin 😊

Tuesday -

<https://evanscca.weebly.com/>

TURN OFF cell phone and put in the bin 😊

PHYZ Warm up: TURN OFF cell phone and put in the bin



CHEM Warm up: 1.21.2020 Turn OFF your cell phone and put in bin 😊

Wednesday -

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PHYZ Warm up: TURN OFF cell phone and put in the bin



CHEM Warm up: 1.21.2020 Turn OFF your cell phone and put in bin 😊

Thursday -

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CHEM Warm up: 1.21.2020 Turn OFF your cell phone and put in bin 😊

Friday -

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PHYZ Warm up: TURN OFF cell phone and put in the bin



CHEM Warm up: 1.21.2020 Turn OFF your cell phone and put in bin 😊

<https://screencast-o-matic.com/watch/cYeYo0yhDa>