

ConnectED: (6-12 Math, English, Science, Social Studies Textbooks)

<https://my.mheducation.com/>

Username: KISD email address ([SkywardStudentAccess@kerrvilleisd.net](mailto:SkywardStudentAccess@kerrvilleisd.net))

Password: Skyward Student Access password

Pearson Successnet (Elementary Math Textbooks, 7-8 CTE, THS Biology)

<https://www.pearsonsuccessnet.com/>

Elementary student user name: FirstNameLunch#

Elementary student password: Lunch#

7-12 student user name: KISD email address

7-12 password: Skyward access password

Clever (iStation, Learning.com, Brain POP, HITT Handwriting, Studies Weekly, Typing.com, Khan Academy)

<https://clever.com/in/kerrvilleisd>

User name: FirstNameLunch#

Password: Lunch#

Office 365 (5-12)

<https://login.microsoftonline.com/>

User name: KISD email address (*first five letters of the last name first three letters of the first name 000 @kerrvilleisd.net for example, Mark Smitherman would be smithmar000@kerrvilleisd.net*)

Password: Skyward Access password


Continue to check your teacher's website for more resources.

## 6th Grade Science - Density

Activity	Direction/Notes
<a href="#">Density Video</a>  Steve Spangler Density <a href="#">Density Experiment</a>	<ul style="list-style-type: none"><li>● Watch the videos</li></ul> Key Concepts regarding density: <ul style="list-style-type: none"><li>• Density is a characteristic property of a substance.</li><li>• The density of a substance is the relationship between the mass of the substance and how much space it takes up (volume).</li><li>• The mass of atoms, their size, and how they are arranged determine the density of a substance.</li><li>• Density equals the mass of the substance divided by its volume; <math>D = m/v</math>.</li><li>• Objects with the same volume but different mass have different densities.</li></ul>
<a href="#">Density Simulation</a>	<ul style="list-style-type: none"><li>● Read about density in your online textbook.</li><li>● Work the density simulation lab:<ul style="list-style-type: none"><li>○ Change the mass and volume of the object.</li><li>○ Choose the type of material you like to test: gold, lead, foam, ice, iron, wood, rubber, and unknown.</li><li>○ Observe whether the materials float or sink.</li><li>○ Use the RESET button in the top right</li></ul></li></ul>

	<ul style="list-style-type: none"> <li>○ Compare and contrast why certain materials were able to float and why others sank.</li> <li>○ Discuss your finding with a parent, relative, or friend.</li> </ul>
Other free resources: <ul style="list-style-type: none"> <li>● <a href="#">6th Grade Physical Science: The Properties of Matter</a></li> <li>● <a href="#">BrainPop</a></li> <li>● Crash Course Kids: <a href="#">What's My Property?</a></li> </ul>	
Printable Resources	<ul style="list-style-type: none"> <li>● CPO <a href="#">Density</a></li> <li>● NYC Research Initiative: <a href="#">What is Density?</a></li> </ul>

## 7th Grade Science - Heredity

Activity	Direction/Notes
Body Systems	 <ul style="list-style-type: none"> <li>● AmoebaSistersBodySystemsVideoQuestion</li> </ul>
Other Resources <a href="#">Body System Video</a>	

## 8th Grade Science - Physics 1

Activity	Direction/Notes
Simulations <ul style="list-style-type: none"> <li>● <a href="#">Graphs and Ramps Interactive</a></li> <li>● <a href="#">PHET: Force and Motion</a></li> </ul>	<ul style="list-style-type: none"> <li>● How are graphs used to describe motion?</li> <li>● What determines a change in velocity?</li> <li>● Complete the <a href="#">simulation data sheet</a>.</li> </ul>
DE Passage: <ul style="list-style-type: none"> <li>● <a href="#">Using Graphs</a></li> </ul>	<ul style="list-style-type: none"> <li>● Think about position vs. time graphs and velocity vs. time graphs. How are constant speed, constant velocity, and acceleration represented?</li> </ul>
Printable Resources	<a href="#">Unbalanced Forces and Motion</a>

## Biology - Science in the World Today (Review)

Activity	Direction/Notes
<a href="#">ebola-outbreak Khan Academy</a>	<ul style="list-style-type: none"> <li>● What is the impact of viruses on humans?</li> </ul>

	<ul style="list-style-type: none"> <li>How can viral replication be compared to making a product in a factory?</li> </ul>
<a href="#">Viral Breakout</a>	<ul style="list-style-type: none"> <li>Create a virus model. Describe its replication and transmission. Write a narrative describing an outbreak and response.</li> </ul>

## Chemistry: KMT and Gases

The activities listed below are optional until assigned by your teacher.

Activity	Directions/Notes
<a href="#">Gabby and Tac KMT Simulation</a>	<ul style="list-style-type: none"> <li>Click on the Gabby and Tac KMT link to the left. Work your way through the simulation and answer the questions on this <a href="#">handout</a>.</li> </ul>
Printable Resources	<ul style="list-style-type: none"> <li><a href="#">KMT Reading Material</a></li> <li><a href="#">Physical Behavior of Matter Handout</a></li> <li><a href="#">Gabby and Tac KMT Handout</a></li> <li><a href="#">Chemical Reactions of Matter</a></li> </ul>

## Physics: Nature of Light and Emission Spectra

The activities listed below are optional until assigned by your teacher.

Activity	Directions/Notes
<a href="https://phet.colorado.edu/en/simulation/photoelectric">https://phet.colorado.edu/en/simulation/photoelectric</a>	<ul style="list-style-type: none"> <li>Watch the animation.</li> </ul>
<a href="#">Video</a>	<ul style="list-style-type: none"> <li>After watching the video, summarize the experiment in 1-2 paragraphs. Be sure to use the following vocabulary in your response: photoelectric effect, energy, electrons, emit, emission spectra.</li> </ul>
Printable Resources	<ul style="list-style-type: none"> <li><a href="#">Photoelectric Effect Reading</a></li> </ul>

College Board will begin AP aligned lessons March 25<sup>th</sup> at <https://apstudents.collegeboard.org/coronavirus-updates> for free.