

# McBee High School Chemistry

Dates:	3/23/20 – 4/3/20 – Two weeks
Thematic Topic:	The COVID-19 Pandemic
Subject:	Chemistry
Teacher Contact Info:	Teacher Name-Vicki Dorn Teacher Email- <a href="mailto:vdorn@chesterfieldschools.org">vdorn@chesterfieldschools.org</a>
Essential Concepts:	Activities and information to help inform students on facts. Together, the Activities will address any myths or unanswered questions the student may have. I have included a larger drawing of the FACT CHECK of the corona virus on the back of this page for you.
Materials Needed:	This activity sheet, paper and pencil, your phone with utube if possible.
Online Links:	You Tube: Novel Coronavirus (2019-nCoV) by: World Health Organization (WHO)
<ol style="list-style-type: none"> <li>Record anything you already know about the Corona Virus as well as at least 1 thing you would like to know about the Corona Virus.</li> <li>Create a color key of your own, and draw and color the cell bases on labels.</li> <li>Watch the utube video about the virus and record 5 interesting facts from the video clip.</li> <li>Take the Fact Check Corona Virus picture on the back of this sheet and answer what you would like to know from your question 1 or info from Worksheet 2 and 3. (take notes)</li> <li><b>Bonus:</b> record a "ticktok" - utube-power point -make a drawing; etc (your choice) and show or talk about how to avoid this virus. - You can even make a persuasive short video convincing your peers to DO Something! This could be social distancing, washing your hands properly, etc. You can upload this to the website in my folder.</li> </ol>	<p>Assignment sheets: You may answer on your own paper if you prefer.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center; font-weight: bold; font-size: small;">THE CORONA VIRUS</p> <p style="text-align: center; font-size: x-small;">BE READY! CLASS 1016</p> <div style="text-align: center;">           </div> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; font-weight: bold; font-size: small;">KNOW</p> <p style="text-align: center; font-size: x-small;">WHAT DO YOU KNOW ABOUT THE CORONA VIRUS?</p> <hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/> <p style="text-align: center; font-weight: bold; font-size: small;">WOULD LIKE TO KNOW</p> <p style="text-align: center; font-size: x-small;">WHAT DO YOU WANT TO KNOW ABOUT THE CORONA VIRUS?</p> <hr/><hr/><hr/><hr/><hr/><hr/><hr/><hr/> </div> </div> <div style="width: 45%;"> <p>2.</p> <div style="display: flex; align-items: center; border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <div> <p style="text-align: center; font-weight: bold; font-size: small;">2019 NOVEL CORONA VIRUS (2019 NCoV)</p> <p>This virus received it's name because under a microscope it looks like a crown. And you know how to say "Crown" in Spanish? "<b>CORONA</b>"!</p> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>3.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center; font-weight: bold; font-size: small;">WATCH</p> <div style="text-align: center;"> </div> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="font-size: x-small;">Watch the following YouTube video and write down 5 facts that you learn.</p> <p><b>TITLE:</b> <span style="border: 1px solid black; padding: 2px 10px;">See online link above</span></p> <p><b>BY:</b> <span style="border: 1px solid black; padding: 2px 10px;"></span></p> </div> <div style="border: 1px solid black; height: 100px; margin-top: 10px;"> <div style="display: flex; flex-direction: column; align-items: center; justify-content: center;"> <input style="width: 20px; height: 20px; margin: 5px;"/> <input style="width: 20px; height: 20px; margin: 5px;"/> <input style="width: 20px; height: 20px; margin: 5px;"/> <input style="width: 20px; height: 20px; margin: 5px;"/> <input style="width: 20px; height: 20px; margin: 5px;"/> <input style="width: 20px; height: 20px; margin: 5px;"/> </div> </div> </div> <div style="width: 45%;"> <div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p style="text-align: center; font-weight: bold; font-size: small;">CREATE A COLOR KEY AND COLOR THE 2019 NCoV CELL BELOW</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p style="font-size: x-small;">SPIKE</p> </div> <div style="text-align: center;"> <p style="font-size: x-small;">MEMBRANE PROTEIN</p> </div> </div> <div style="text-align: center; margin: 10px 0;"> </div> </div> <div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center; font-weight: bold; font-size: small;">COLOR KEY</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input style="width: 20px; height: 20px; margin-right: 10px;"/> <p style="font-size: x-small;">SPIKE</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input style="width: 20px; height: 20px; margin-right: 10px;"/> <p style="font-size: x-small;">MEMBRANE PROTEIN</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input style="width: 20px; height: 20px; margin-right: 10px;"/> <p style="font-size: x-small;">NUCLEO-CAPSID</p> </div> <div style="display: flex; align-items: center;"> <input style="width: 20px; height: 20px; margin-right: 10px;"/> <p style="font-size: x-small;">ENVELOPE PROTEIN</p> </div> </div> </div> </div> <p style="text-align: center; margin-top: 20px;">4. see back</p> </div> </div> </div>

# FACT CHECK CORONA VIRUS



## 1 WHO CAN CATCH IT?

Anyone can catch this virus. No one is off limits, as we know that germs don't discriminate. Those that work in the health care system or are taking care of infected people are most at risk. It is contagious and can be passed person to person as well as through air droplets from a cough or sneeze.



## 2 WHAT IS IT?

The Corona Virus is a virus that was discovered in December 2019. There are different types of the Coronavirus that cause respiratory infections like coughing or Pneumonia. In some cases cause very serious and potentially fatal conditioins.



### 3 WHEN WILL THIS STOP?

Currently scientists all over the world are hurrying to create antiviral drugs and vaccines for this virus in order to get control of transmission and suffering for people worldwide. There are tests now for detecting Coronavirus in a person, but scientists warn it may be a year or more before we have a vaccine.



#### 4 WHERE IS IT HAPPENING?

The Corona virus is occurring all over the world, with confirmed cases seen in dozens of countries including China, Italy, France and the United States. The place that is most impacted right now is China, specifically the city of Wuhan.



## 5 HOW DO I AVOID IT?

Avoiding unnecessary contact with sick people is the best place to start. Basic precautionary measures such as hand washing and covering your mouth when you sneeze can significantly aid in the prevention of transmitting this virus. Eating healthy and taking care of yourself also help keep your immune system strong.



## 6 WHY SUCH A BIG DEAL?

As with the regular flu, this virus can be deadly for those with compromised immune systems (the elderly or those already very sick from something else). But, unlike the regular flu, it does not have a vaccine. We are just in a very uncertain and unprotected time since we know so little. This isn't the first mystery virus to appear on the scene.

WHO-WHAT-WHEN-WHERE-HOW-WHY-  
take notes below

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.