COVID-19
STUDENT WORKSHEET

Name: ___KEY_________

1) **What is a virus?** (Short answer)
   A shell surrounding genetic materials and proteins. A pathogen.

2) **The scientific name of the virus is __________.** (Select one)
   - ☐ COVID-19
   - ☒ SARS-CoV-2
   - ☐ The Coronavirus

3) **The scientific name of the illness caused by the virus is called __________.** (Select one)
   - ☒ COVID-19
   - ☐ Zoonotic
   - ☐ SARS-CoV-2

4) **How are people infected with this virus?** (Short answer)
   Contact with infected aerosol droplets

5) **What is the difference between a virus and a disease?** (Short answer)
   A virus is what gives you the disease. A viral infection can result in a disease or a series of symptoms.

6) **Summarize how the immune system responds to a virus to protect you?** (Short answer)
   The pathogen is noticed, and the immune response activates, the creation of antibodies is triggered. Antibodies lock onto specific viral antigens and help the White Blood Cells, or T-cells, disable the virus.

7) **Is it possible to contract this corona virus more than once?** (Select one)
   - ☐ Yes
   - ☐ No
   - ☒ Unknown

8) **People have unique immune responses.** (True or False)
   - ☒ True
   - ☐ False
9) **COVID-19 impacts everyone equally.** (True or False)
   - ☐ True
   - ☒ False

10) **What factors might lead to the higher rates of infection and hospitalization in some racial and marginalized groups?** (Short answer)
    Answers will vary

11) Serologic, or blood, testing indicates that you are infected with the virus. (True or False)
    - ☐ True
    - ☒ False

12) Molecular, or booger, testing indicates that you are infected with the virus. (True or False)
    - ☒ True
    - ☐ False

13) **Explain how Herd Immunity works in a community.** (Short answer)
    Enough, around 70% of a community has active antibodies to a virus and as such the virus is not able to easily spread through a community’s population.

14) **What activity are you most looking forward to when the Pandemic is over?** (Short answer)
    Answers will vary.