**Coronavirus Video Worksheet**

Please complete this worksheet as you watch the video below. It has some bad language but I think it will be ok.

<https://www.youtube.com/watch?v=4J0d59dd-qM&feature=youtu.be&fbclid=IwAR09Vkv44_qEIU4snwyrTHAcwCMhNk2CK6WJ_4AvFK9Chhe7fxY64X0vnE8>

1) What kind of surgeon is Dr. Vuong?

2) What is the full name of the virus?

3) How many viruses of this type have we seen?

4) What is the name of the disease it causes?

5) What does novel mean?

6) Why are we concerned with the fact that it is novel?

7) What percent of people will need to go to the hospital? How many of those will end up in the ICU?

8) Coronavirus causes a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ illness.

9) Who is at high risk?

10) True or False: The virus is airborne.

11) What is the difference between our esophagus and our trachea?

12) When you burp where does the air come from?

13) Dr. Vuong uses \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to represent our lungs.

14) What goes down when you breathe?

15) What are the air pockets in your lungs called? What do they do?

16) What are type one pneumocytes? What do they do?

17) We breathe oxygen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and carbon dioxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

18) How long can the average person hold their breath?

19) If your pimp is holding your head in the toilet, how long can you live?

20) What type of cell produces surfactant?

21) What is surfactant?

22) How long does coronavirus live on surfaces?

23) What type of cells does coronavirus target?

24) What is the name of the receptor it binds to?

25) Why are people with high blood pressure more at risk?

26) What happens after the cell dies?

27) What does it produce during this process?

28) When the cell dies your alveoli fill up with fluid, causing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

29) This starts in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ areas first.

30) What syndrome results from this?

31) Once a patient starts gasping for air, what will the doctors have to do?

33) When does he say we will reach the peak of coronavirus cases?