HudsonAlpha Developed

Coronavirus Comprehension

One of the first videos that Dr. Neil Lamb posted in his Beyond the Blog series was one that answered the question, "what is a coronavirus?" It was posted on March 24, 2020, shortly after many students were sent home from school as a precautionary measure. Since that post in March, we have learned a lot more, specifically about SARS-CoV-2.

Compare the first post on March 24, 2020, "What is a Coronavirus?" to Dr. Lamb's May 5th post, "May Coronavirus Update" and to the "COVID-19 Strains and Mutations" post from September 16th.

Watch each of the three videos and use the table below to organize your thoughts. List important and distinguishing facts in the appropriate column. https://hudsonalpha.org/beyond-the-blog/

What is a Coronavirus? (3/24/20)	May Coronavirus Update (5/5/20)	COVID-19 Strains and Mutations (9/16/20)

After viewing the three videos and organizing your thoughts, answer the following questions:

1. How has our understanding of the SARS-CoV-2 virus, the virus that causes COVID, changed over that six-month time frame? Provide at least 3 specific examples.



2.	What factors have increased or decreased our understanding?
3.	What has the evolving insight taught us about the nature of science? List at least three characteristics of the nature of science that have been essential as the pandemic has emerged. For additional information about the nature of science, review The Nature of Science and NGSS section on page two of Appendix H of the <i>Next Generation Science Standards</i> . https://bit.ly/2Fk47Wu
4.	Has the virus itself changed since March 2020, has our understanding of the virus changed or a combination of both? Thoroughly explain your answer.

