

McBee High School Learning Packet

Dates:	3/23/20 – 4/3/20
Thematic Topic:	The COVID-19 Pandemic
Subject:	Physics (All Classes)
Teacher Contact Info:	Steven Lovelace Slovelace@chesterfieldschools.org
Essential Concepts:	1. Students will research and answer questions about the Great Plague of London and how Sir Isaac Newton was able to be a productive scientist during this period.
Materials Needed:	Paper, Pencils, Related articles
Online Links:	https://www.washingtonpost.com/history/2020/03/12/during-pandemic-isaac-newton-had-work-home-too-he-used-time-wisely/ https://www.history.com/news/9-things-you-may-not-know-about-isaac-newton https://www.thehindubusinessline.com/news/variety/how-social-distancing-advocated-during-the-great-plague-led-to-newtons-theory-of-gravity/article31081259.ece https://www.nationalarchives.gov.uk/education/resources/great-plague/
Assignment Steps:	<p>1. Define the following terms: Social Distancing, Pandemic, <i>annus mirabilis</i>, optics, and calculus.</p> <p>2. What are some differences and similarities between the Great Plague in 1665 and the coronavirus in 2020?</p> <p>3. What were three discoveries that Sir Isaac Newton made during his period of social distancing and how are they still used today?</p>