SCIENCE AND TECHNOLOGY DURING PANDEMIC

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SCIENCE is a systematic method which generates and organize new knowledge thru the form of testable explanation and prediction about the universe. Science today is internationally, globally connected and increasing collaborating on more modern knowledge.

Science has many effects nowadays during this pandemic. Like digital technologies. What are digital technologies? Are one of the products of Science that generates, stores and process data. Social media, online games, multimedia, and mobile phones are the well-known examples of digital technologies. Any form of learning that uses technology is digital learning. One of this example is the work from home while connecting with the colleagues locally and globally using a wide range of video conferencing (VC) systems or collaboration tools. Students learning through online class is also part of using wide range of technology.

Science and technology have played, and will continue to play, a decisive role in easing the pandemic, whether it is discovering new features about the novel coronavirus, looking for new, innovative treatment or vaccines. These undertakings are time-consuming, complicated, and unpredictable. Science brought great effect through inventions like pharmaceutical drugs. Based on news, there are currently no licensed vaccines or therapeutics for COVID-19. Dozens of COVID-19 vaccines are in developed. And to ease the global crisis, expectations are high to bring one to the market in record time. Coordinated efforts are afoot to make that possible. Before being submitted for clearance to regulatory authorities, vaccines go to a three-stage clinical trial phase. Healthcare professionals, scientists and officials are at the forefront of the war" Healthcare
workers, scientists and officials are at the forefront of the fight against the virus, and people around the world are handling the situation as best as they can.

This COVID-19 is zoonotic which means that they transmit from animals to people. Zoonotic illnesses are hard to get rid of because they have animal reservoir. As the COVID-19 pandemic has disrupted there are many routine medical services and surgical procedures. When WHO (World Health Organization) declared COVID-19 will going to be a pandemic, many clinical trials and other medical research activities came to a sudden. Pandemics acts a widespread risk to humans and animals, and the effects are really felt in environmental health and economic sectors.

There should be no light or careless use of the word pandemic. Science and technology can solve all the problems of the world, and it has been shown to do so historically.

References:
https://www.cdc.gov/vaccines/basics/test-approve.html