



# CTAE Connect

Arlington Public Schools

May 2020

CTE teachers and students have been designing and printing PPE gear, specifically mask supports, which are being donated for health care workers. Gunston student Charles Randolph (1) created mask supports at home using a 3D printer and donated them (2). Some CTE teachers have brought home their classroom 3D printers to support the effort and are working directly with a professor from Marymount University for the donation of parts. All printed parts are being dropped off at the college's main campus on North Glebe Road. Also below is a photo of donations printed by Matt Cupples (4), the Technology Education Teacher at Kenmore (3). Click the link below to learn more.



1



2



3



4

<https://wamu.org/story/20/04/01/people-are-using-3d-printers-to-combat-the-shortage-of-personal-protective-equipment-for-hospitals/>



**Congratulations to Chef Renee Randolph who was named the 2020 APS Teacher of the Year!**

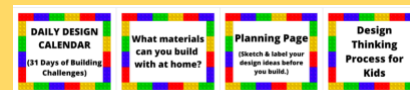
Chef Randolph has been teaching since 2005 and a teacher at the Career Center since 2016. She is being honored across APS virtual media channels with videos and photos. Margaret Chung, principal at the Career Center, said “she is a teacher without equal in how she inspires students to learn.” Chef Randolph will serve as Arlington’s nominee for the 2021 VA Teacher of the Year award [Click here](#) to read the APS news release [and here](#) to view a Vimeo created by the Career Center to celebrate.



**Arlington CTE – Keeping it Real. Episode 4: The EMT program at the Arlington Career Center.** Listen in to learn about this dual-enrollment program and hear student perspective about their experiences completing clinical rotations. This podcast is also available on Apple and Google.

K-12 STEM Specialist, Jacqueline Firster, will be sharing some STEM challenges that students can work on at home. The project ideas will be posted on AETV.

[Click here](#) to view a 31 Day Design Challenge Calendar, which includes a variety of ideas such as invent and design a new food.



For more CTE news, follow us on Twitter @APS\_CTAE or visit our website: [www.apsva.us/ctae](http://www.apsva.us/ctae).