

FPCS STEM AT HOME VIRTUAL LEARNING RESOURCES AND ACTIVITIES

Resource Name	Web Address	Best Used For (Purpose)
Vivifystem Education	Vivifystem.com	A weekly video series used for scholars to complete “at-home” STEM challenges with household items and materials. Each weekly challenge is facilitated by an engineer and scientist!
NASA STEM at home	Nasa.gov	Once on NASA’s website, click on the tab “ <u>NASA STEM at home.</u> ” This resource is great for at home, easy STEM prep experiments, videos, games, and fun outdoor STEM activities that scholars and families can participate in.
Colorado Simulations and Experiments	https://phet.colorado.edu/en/simulations/category/new	This resource is used for virtual labs and simulations! If your scholar is interested in a particular science topic or needs extra support with the science work they are learning in class, this resource is the place to go!
Science Guys of Baltimore	scienceguysofbaltimore.com	This website includes weekly LIVE zoom sessions where children participate in at home STEM challenges with everyday household materials! . It also boasts a Science Camp section that appeals to a wide spectrum of interests.
Brainpop	www.brainpop.com	This website includes short videos (no longer than 5 minutes) on various science topics. Has a component for scholars to read about science careers, play games and take online practice quizzes. A bonus is the Engineering and Tech component that features <i><u>inventions, innovations, and discoveries.</u></i>