

CSAAPT Fall 2022 Semi-Virtual Meeting



Chesapeake Section of the
American Association of Physics Teachers
Fall 2022 Semi-Virtual Meeting
October 22, 2022 in Falls Church, VA

Contribution ID: 12

Type: **talk (15-minute)**

Building Things in Physics Classes

Saturday, October 22, 2022 3:45 PM (15 minutes)

You might be surprised (and perhaps a little dismayed) to learn how few of your students have actually built things with their own hands. Physics teachers have a unique opportunity to allow students to build their own lab devices. In doing this, I have found that students usually take ownership of their learning and better understand how things work. In this workshop, I will describe several of the things I have students build (toy cars, mobiles, motors, microphones, speakers, musical instruments, pickups, etc.), discuss the physics being taught, and will provide time for teachers to construct their own versions of the devices.

Primary author: LALLY, Sean (Jemicy School)

Presenter: LALLY, Sean (Jemicy School)

Session Classification: Afternoon Session 2A (Chair: Simone Kulin, Zoom Monitor: James Freericks)