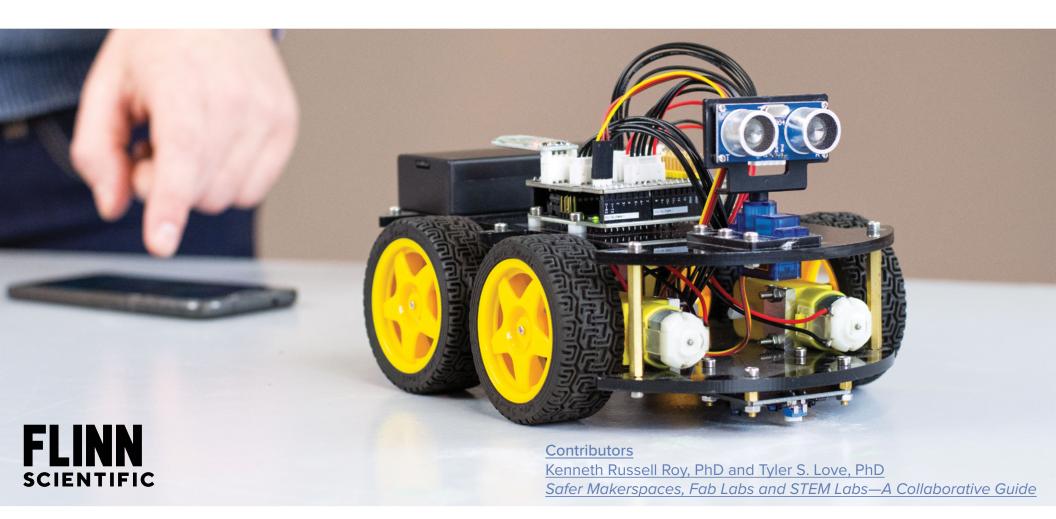
# Tips for a Safer STEM Lab





# **Entry and Exit**

Labs over 1,000 sq. ft. need two outward-opening doors in the event an emergency exit is needed. Avoid blocking doors.



## Lighting

Include a mixture of natural and atrificial light for safer lab operation.



### Sound

Place noise-producing equipment in a dedicated lab space and provide acoustical treatment on ceilings and walls within the lab.



### **Temperature**

Keep chemical storerooms within your lab between 60—80 °F along with continuous airflow to prevent or reduce rate of decomposition of chemicals



# **Ventilation**

Ventilation that is directly at the source (e.g. a dust collector hose hooked directly to a belt sander) protects against hazardous particulates, gases or vapors.



# **Electrical Power Sources**

Keep outlets at least three feet away from any water source and unplug any cords when the lab is not in use to avoid a fire hazard.



### **Showers and Eyewashes**

A must in any STEM Lab, Makerspace or Fab Lab to minimize effects of accidental exposure to chemicals, specimens, particles and other airborne objects.



# **Safety Zones**

Safer operator zone markings, the appropriate Personal Protective Equipment, machine guards and instructor supervision reduce accidents and injuries.

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