

SAFETY



SUBJECT PRESENTATIONS

**Created February 2017 by
Team 1967 - The Janksters**



HANDLING BATTERIES



- Never carry or pull by the cable
- Never unplug by the cable
- Hold with two hands at a time

If you drop a battery, ensure it is not leaking by placing the edges of a piece of paper into the slots near the top of the battery.

■ BATTERY SPILLS



- Know where your battery spill kit and first aid kit are located at all times
- Gloves, containment, baking soda
- Alert a mentor ASAP

Ensure your team leader knows so they can properly dispose of the battery!

CHEMICAL EXPOSURE



- Follow the SDS
- Call poison control
- For battery acid, use the battery spill kit



Poison Control: 1-800-222-1222



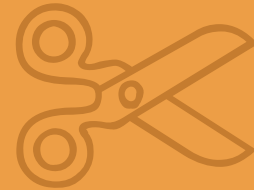


■ POWER TOOLS



- Make sure tools are in good **condition** before using them
- Ensure the tool are on a **hard** surface
- Turn **off** tools when not in use
- Ensure no one is in the “line of fire”

■ TOOL HANDLING



- **Safety circle**, every time!
- Pass scissors, screwdrivers, etc. with the **handle** facing towards the taker
- **Never** run with tools



ELECTRICAL SAFETY



- **NEVER** daisychain
 - Plugging a power strip into another power strip
- **No** extension cord into extension cord
- **No** extension cord into power strip
- **No** pulling plugs from the wire

SHOCKS: Get an adult and get checked out by the emergency room

■ GLOVES



- Latex gloves for **Loctite, epoxy,** & medical
- Leather gloves for **lifting**

If you find a hole in your latex glove, **dispose** of it and get a new pair.



■ AVOIDING ACCIDENTS



- Pay attention
- Never work alone in an isolated area
- Always keep general awareness

Remember never to overwork yourself and take breaks when needed!

ROBOT



- Never be alone in the room with an **enabled** robot
- Never put yourself in the **path** of a moving robot
- If the bot begins **smoking**, turn it off and unplug the battery
- Know the **emergency stop** button for your robot's laptop control



■ LADDERS



- Maintain **three-point contact**
 - Two hands & one foot
 - Two feet & one hand
- Ensure the floor below is clean
- Do not jump off ladders

Remember that someone knows where you are just in case!



■ REST



- You should be getting **nine** hours of sleep
 - Aim for at least **eight**
- During competitions, **do not** stay up!
- Naps do not compensate for a good night's sleep

STRESS



- If you feel stressed, talk to your leader
 - Or another trusted mentor
- During competitions, take regular breaks outside to get some air and calm down
- Do not stress about schoolwork during competitions
 - Staying up late is *not* a good idea!



■ NUTRITION



- Eat breakfast (especially during regionals)
 - It's the most important meal of the day!
- Take **snack** breaks
- Drink enough **water**

■ ACCOMMODATIONS



- Make sure your team leader knows any accommodations you need
- Ensure people know what to do if there is an emergency
 - Allergy, medical, etc.