



**February Self-inspections:** 15 Innov., DGS, DuPont, Evans, Fisher Greenhouse, Georgetown, Sharp, Townsend, WorriLow  
**March Self-inspections:** AP Bio, Brown Lab, Drake, LDL, IEC, Person, STAR mod labs.

### Lithium-ion (Li-ion) & Lithium-Polymer (LiPO) Battery Safety



#### 1. Purchasing

- Only purchase batteries that carry a UL (NRTL) listing. CE does not satisfy this requirement.



#### 2. Charging

- Never charge damaged or swollen batteries.
- **Never charge batteries in residential or office areas.**
- Chargers must operate with an integrated battery management system (BMS). **NEVER use a trickle charger.**
- If you notice your LiPo battery pack is swelling, stop the charging process immediately and contact EHS.
- Batteries must only be charged on surfaces that will not catch fire.
- Always use a LiPO-safe bag or Bat-Safe style box.
- Never leave a charging battery unattended.
- Never overcharge or completely discharge your batteries.



**Use for Charging and Storage**

#### 3. Storage

- Do not store batteries in automobiles
- Store batteries in a LiPO safe bag or a Bat-Safe style box.



#### 4. Disposal

- ALL batteries must be disposed of through EHS.
- **NEVER place batteries in the trash.**
- **NEVER puncture a battery**

**Thermal runaway is difficult to contain. Use sand or a Halon fire extinguisher.**



LiPO



Hoverboard



E-bike