

Suggested Laboratory Science Safety Expectations

Science Laboratory Safety Guide (suggested reference) <http://www.cdc.gov/niosh/docs/2007-107/pdfs/2007-107.pdf>

Additional Science Safety reference <http://labsafety.flinnsci.com/Home.aspx>

Appropriate Chemical Storage: locked and well-ventilated facility (facilities) separate from laboratory with limited access

- Organization of chemicals: FLINN, Sargent Welsh, Eisner
- MSDS list on file—Global Harmonizing System
- National Fire Protection label
- Acid cabin
- Inflammable cabinet
- Poison cabinet-locked, vented
- Chemical hood (fume hood)
- Chemical disposal plan/procedure
- Chemicals containers dated
- Fire extinguisher
- Teacher training on proper waste disposal

Classroom

- Electrical, gas/propane (taps/switches to rapidly shut off gas, electricity, and water)
- Lab tables
- Glassware and storage
- Eye protection/sanitizer and other appropriate safeguards
- Shower
- Eye wash station
- Alternative exits from the labs
- Fixed health and safety practices in labs based on external standards