

## Hazards of Common Art Activities

- Drawing
  - Beware of fixative
  - Only use non toxic materials
  - Use only water based markers
- Painting
  - Do not use pigments that contain the following:
    - Antimony, Arsenic, Cadmium, Chromium, Cobalt, Lead, Manganese, and Mercury
  - Avoid oil paints even at the secondary level
- Printmaking
  - Be sure all tools fit age and muscle control of students
  - Demonstrate how to safely use cutting tools
  - Use water based, non toxic ink only
- Fibers & Dyeing
  - Be sure fibers have been sanitized
  - Wear dust mask when using powdered dyes
  - Use double boiler for wax melting
- Stained Glass & Jewelry
  - Use caution when cutting glass
  - Wash hands thoroughly after using lead cane
  - Don't not breathe fumes when soldering
  - Have machine guards on grinding or polishing tools
  - Give clear instruction on cutting metal or wire
  - Use cadmium free silver solders, and fluoride free fluxes, as well as lead free enamels
- Ceramics
  - Do not breathe clay powder
    - Wet mop floor to avoid dust flying into the air
    - Wear mask specifically designed to filter silica
  - Do not use glazes which contain:
    - Lead, Arsenic, Cadmium, Nickel, Beryllium, Zinc Chromate, Selenium, and Uranium
  - When firing
    - Beware of extreme heat
    - Have proper ventilation for fumes
    - Understand the safety features of your kiln
- Photography
  - Have good ventilation
    - 10 air changes per hour for he darkroom
  - Avoid extremely toxic chemicals and processes
  - Wear gloves or use tongs when handling chemicals
  - Keep chemicals covered when not in use
  - Clean up spills immediately

- Sculpture
  - Demonstrate proper use of cutting and power tools
  - Create safety tests for students before use of dangerous tools
  - Use extreme caution when welding, wear all necessary safety apparel
- General
  - Have good ventilation
  - Dispose of materials properly
  - Use gloves when handling hazardous materials
  - Use eye protection and protective clothing when necessary
  - No horseplay
  - Do not allow food in the studio
  - Supervise