

Science Lab

Chemistry

Required:

- Aprons, chemical resistant (1 per student)
- Emergency safety shower (1 per room)
- Eye/face wash (2 per room)
- Fire blanket (1 per room)
- Fire extinguisher (1 per room)
- First-aid kit (1 per room)
- Fume hood (1 per room)
- Materials Safety Data Sheets (1 set per room)
- Safety goggle disinfecting materials or equipment (1 set per room)
- Safety goggles, splash-proof (1 per student)

Recommended:

- Transport cart (2 per room)
- Sink: hot and cold water (1 per 4 students)

Science Lab

Physics

Required:

- Aprons, chemical resistant (1 per student)
- Eye/face wash (2 per room)
- Fire blanket (1 per room)
- Fire extinguisher (1 per room)
- First-aid kit (1 per room)
- Materials Safety Data Sheets (1 per room)
- Safety goggle disinfecting materials or equipment (1 set per room)
- Safety goggles, splash proof (1 per student)

Recommended:

- Transport cart (1 per room)
- Sink: hot and cold water (1 per 4 students)

Science Lab

9th grade – Physical Science

Required:

- Aprons, chemical resistant (1 per student)
- Eye/face wash (2 per room)
- Fire blanket (1 per room)
- Fire extinguisher (1 per room)
- First-aid kit (1 per room)
- Materials Safety Data Sheets (1 set per room)
- Safety goggles, splash proof (1 per student)
- Safety goggle disinfecting materials or equipment (1 per room)

Recommended:

- Emergency safety shower (1 per room)
- Transport cart (1 per room)
- Sink: hot and cold water (1 per 4 students)_

Science Lab Stored Chemicals

Arrange the colored chemical labels alphabetically into the following compatible storage groups:

General Storage (green)

- Ascorbic Acid
- Bromothymol Blue
- Calcium Carbonate
- Diatomaceous Earth
- Glycerin
- Phenolphthalein
- Sodium Thiosulfate
- Vegetable Oil

Health or Toxic Hazard (blue)

- *Phenol
- *Sodium Chromate

Flammable Storage (red)

- Acetone
- Magnesium
- Methyl Alcohol, Anhydrous
- Toluene
- Xylene

Oxidizer Storage (yellow)

- Nitric Acid
- Potassium Permanganate

Corrosive Storage – white

- Ammonium Hydroxide
- Formaldehyde
- Hydrochloric Acid
- Iodine Solution
- Sulfurous Acid

Science Lab

Biology

Required:

- Aprons, chemical resistant (1 per student)
- Eye/face wash (1 per room)
- Fire blanket (1 per room)
- Fire extinguisher (1 per room)
- First-aid kit (1 per room)
- Materials Safety Data Sheets (1 set per room)
- Safety goggle disinfecting materials or equipment (1 per laboratory)
- Safety goggles, splash proof (1 per student)

Recommended:

- Drench hose (1 per room)
- Transport cart (1 per room)
- Sink: hot and cold water (1 per student)

Science Labs:

7th & 8th grades:

Required:

- Aprons (1 per student)
- Eye/face wash (1 per classroom)
- Fire blanket (1 per classroom @ eye level, clearly marked)
- Fire extinguisher (1 per room)
- First-aid kit (1 per room)
- Material Safety Data Sheets (1 set per room_
- Safety goggle disinfecting material or equipment (1 set per room)
- Safety goggles, splash-proof (1 per student)

Recommended:

- Transport cart (1 per room)
- Sink: hot and cold water (1 per 4 students)