

APPENDIX B: EMERGENCY SUPPLIES

THE AMERICAN RED CROSS

RECOMMENDED EMERGENCY SUPPLIES FOR SCHOOLS

Drawn from lists created by the California Senate Select Committee on the Northridge Earthquake, Task Force on Education, August 1994

Introduction

What to Store

Begin with an analysis of the hazards of the area. Is your school threatened by tornadoes? Earthquakes? Is emergency assistance close at hand or would you have to wait for help if the entire community has been impacted? Do you think you will need tools for clearing debris? Remember that any school in the country could be locked down due to an intruder or gunfire in the area, so all schools should be prepared to have their students stuck inside the building for many hours. Similarly, all schools face the potential of a hazardous materials spill nearby, requiring the school to shelter-in-place with doors and windows closed and heating systems off. Adjust the supplies for extreme heat or cold temperatures. If your plan includes Search & Rescue teams for light search and rescue following an earthquake, tornado or other damaging event, stock supplies for the number of teams assigned.

Budget

Adjust the list, prioritizing for limited budget and storage space, if necessary. Develop a plan to phase in the supplies. Contact local service clubs and vendors for assistance.

How Much to Store

Make some planning assumptions. Do most of your students' families live nearby or do some of them commute long distances? Some schools could be cut off for days if a bridge or the main highway is blocked. If you determine that most of your students could be picked up in most emergencies within a day, then begin by stocking supplies for one day. Some schools plan that half their student body will be picked up by parents within one day, half the remainder within a day, and the remainder within another day; these schools stock supplies for 100% for day one, 50% for day two, plus 25% for day three. Other schools stock supplies for 3 days, the recommendation of many emergency management agencies. Remember to factor in the number of staff and other adults who may be on campus.

Storage

Determine where to store emergency supplies. Every classroom should have some supplies and there should be a cache of supplies for the whole school. Many schools in California and other states threatened by earthquakes use outdoor storage, anticipating the possibility of having to care for students outside the buildings. They use an existing building or a cargo container, also called a land-sea container, purchased used and installed near the emergency assembly area. Schools with limited budgets and/or temperature extremes may opt to store their supplies in

various caches throughout the school facility, primarily in locked closets or classrooms. Many schools stock supplies in (new) trash barrels on wheels. Do not store water in the barrels because it may leak and destroy everything else. Make sure that there are keys to ensure access to the supplies during an emergency, including access by programs such as day care and after-school events. Plan an annual inventory, replacing water and other items with limited shelf life as necessary.

Recommended Supplies

The following lists address classroom kits, supplies for the whole school and Search & Rescue gear recommended by American Red Cross.

Classroom Kit

- Leather Work gloves
- Latex gloves: 6 pairs
- Safety goggles: 1 pair
- Small First Aid kit
- Pressure dressings: 3
- Crow bar
- Space blankets: 3
- Tarp or ground cover
- Student accounting forms (blank)
- Student emergency cards
- Buddy classroom list
- Pens, paper
- Whistle
- Student activities
- Duct Tape: 2 rolls (for sealing doors and windows)
- Scissors
- Suitable container for supplies (5-gallon bucket or backpack)
- Drinking water and cups (stored separately)
- Toilet supplies (large bucket, used as container for supplies and toilet when needed, with 100 plastic bags, toilet paper, and hand washing supplies)
- Portable radio, batteries or other communication system
- Flashlight, batteries
- Push broom (if classroom includes wheel chairs)

Supplies for the Whole School: Water, First Aid, Sanitation, Tools, Food

Water

- ½ gallon per person per day times three days, with small paper cups

First Aid

- Compress, 4 x 4": 1000 per 500 students
- Compress, 8 x 10": 150 per 500 students
- Elastic bandage: 2-inch: 12 per campus; 4-inch: 12 per campus

- Triangular bandage: 24 per campus
- Cardboard splints: 24 each, small, medium, large
- Butterfly bandages: 50 per campus
- Water in small sealed containers: 100 (for flushing wounds, etc.)
- Hydrogen peroxide: 10 pints per campus
- Bleach, 1 small bottle
- Plastic basket or wire basket stretchers or backboards: 1.5/100 students
- Scissors (paramedic): 4 per campus
- Tweezers: 3 assorted per campus
- Triage tags: 50 per 500 students
- Latex gloves: 100 per 500 students
- Oval eye patch: 50 per campus
- Tapes: 1" cloth: 50 rolls per campus; 2" cloth: 24 per campus
- Dust masks: 25 per 100 students
- Disposable blanket: 10 per 100 students
- First Aid books: 2 standard and 2 advanced per campus
- Space blankets: 1 per student and staff
- Heavy duty rubber gloves: 4 pairs

Sanitation Supplies (if not supplied in the classroom kits)

- 1 toilet kit per 100 students/staff, to include:
- 1 portable toilet, privacy shelter, 20 rolls toilet paper, 300 wet wipes, 300 plastic bags with ties, 10 large plastic trash bags
- Soap and water, in addition to the wet wipes, is strongly advised.

Tools per Campus

- Barrier tape, 3" x 1000": 3 rolls
- Pry bar
- Pick ax
- Sledge hammer
- Shovel
- Pliers
- Bolt cutters
- Hammer
- Screwdrivers
- Utility knife
- Broom
- Utility shut off wrench: 1 per utility

Other Supplies

- Folding tables, 3' x 6': 3-4
- Chairs: 12-16
- Identification vests for staff, preferably color-coded per school plan
- Clipboards with emergency job descriptions
- Office supplies: pens, paper, etc.

- Signs for student request and release
- Alphabetical dividers for request gate
- Copies of all necessary forms
- Cable to connect car battery for emergency power

Food

The bulk of stored food should be easy to serve, non-perishable and not need refrigeration or heating after opening. Food is generally considered a low priority item, except for those with diabetes and certain other specific medical conditions. One method used by schools is to purchase food at the beginning of the school year and donate it to charity at the end of the year. A supply of granola bars, power bars, or similar food which is easy to distribute, may be helpful. Some schools store hard candy, primarily for its comfort value.

Search & Rescue (S&R) Equipment

Training on how to do light Search & Rescue is required—contact the SFFD Neighborhood Emergency Response Team (NERT) for information on scheduling training.

Protective Gear per S&R Team Member

- Hard hat, OSHA approved
- Identification vest
- Leather work gloves
- Safety Goggles
- Dust mask
- Flash light, extra batteries
- Duffel or tote bag to carry equipment

Gear per S&R Team

- Backpack with First Aid supplies
- Master Keys