

**Early Learning & Care Facilities Improvements
Requiring Ongoing Funding to Provide Long-Term Health Benefits**

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Child & Teacher Height Classroom Sinks - Redwood City CA

The following facility improvements are recommended to receive funding through the current covid facility modification programs and through future facility grant programs. The listed improvements address existing facility health issues, future environmental events, and the State's desire to move to sustainable schools. All the items listed provide long term health benefits to children and staff and are best practices in classroom design.

Sinks - Disease Prevention

Hand washing will remain as the main strategies to prevent contamination & diseases transmission for years to come. Especially, since there have been no long-term studies on the continual use of hand sanitizer of young children. Install multiple child and adult height hand washing sinks throughout the facility:

- Permanent sinks, if not possible portable
 - Entry way sinks at adult & child height
 - Multiple Classroom sinks at adult & child height for hand washing & food prep
 - Multiple Outdoor sinks at adult & child height
- Replace faucets with touch less models, with above deck mixer control and battery operated, if possible. This is an expensive option; the priority is having sinks.
- Touch less soap dispensers free standing, or wall mounted
- Paper towels dispensers - freestanding or wall mounted to dry hands, (air or jet hand dryers not as effective as paper towels)
- Disconnect/remove child drinking water fountains or use with cups paper cups. Young children often put their mouths directly on or around the spout.

Air Filtration - Indoor Air Quality

Having the correct size HVAC or a portable air filtration system is the best way to ensure good indoor air quality within the building and prevent the spread of airborne infection. It will also be effective during fire season when air is polluted with ash and toxins and children will not be able to be outdoors.

- HVAC Inspection by certified inspector to determine
 - HVAC system has correct capacity for room size
 - HVAC uses MERV 13 filters, change filters monthly or as directed
 - HVAC to have 6 air exchanges per hour, if possible
- If HVAC that is not able to have 6 air exchanges/hour augment with portable HEPA air purifiers, ensure it is the correct capacity for room size
- If appropriate replace HVAC system

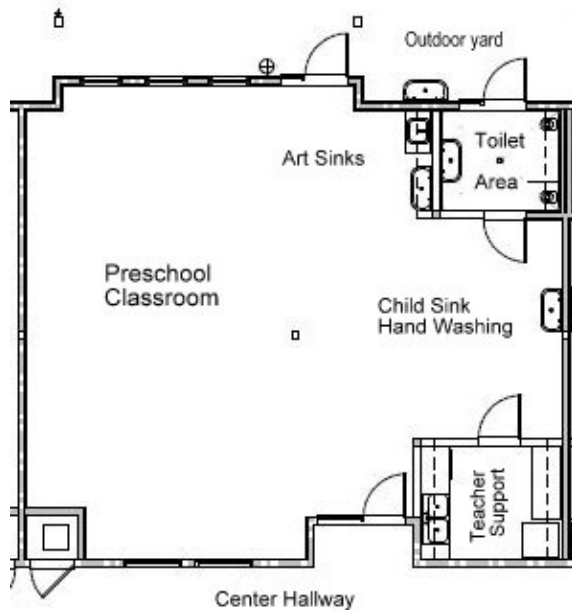
Ventilation - Indoor Air Quality

Increase fresh air flow and improve ventilation

- Ensure ventilation fans vent directly to the outdoors
- Ensure windows are operable with appropriate screens
- If safe & appropriate, install ceiling and window fans

Toileting & Diapering Areas - Indoor Air Quality

Having the toileting area within the classroom allows for a specific group of children sole use of the toilets & sinks therefore preventing cross contamination between differing groups of children. It also provides privacy & independence for children and excellent adult visual & auditory supervision from the classroom.



Clean & Sanitize - Disease Prevention

The facility needs the equipment and appliances to clean and sanitize materials.

- Purchase Dishwashers with sanitize cycle
- Purchase HEPA Vacuums with replacement bags
- Purchase Washers and Dryers with sanitize cycle

Outdoor Yards

Having the yards configured to function as learning spaces increases the space children can use. Just about all indoor activities can be provided outdoors. Besides typical outdoor activities, configure spaces for eating meals, table top activities, blocks, art, science, math, reading, group time, group activities, etc.

Inspect the entire yard for needed repairs, replacement, or new installation

- Fences, gates, shade, sand area, paint, sinks, climbing equipment, gardens, bike paths, storage, etc.

Ensure the yard includes:

- Sinks both adult & child height
- Diaper changing station if possible & needed
- Shade protection & rain protection, if needed
- Spaces for individual, small ,and large groups
- Spaces that are flexible and open-ended
- Adult & child seating
- Non-active space to rest & relax
- Platforms & climbing, & other equipment
- Enough storage
- Follow Best practices for designing outdoor yards

