



County School Facilities Consortium Workshop and Meeting: Modernizing School Safety Plans to Meet Today's Challenges

CASH 42nd Annual Conference on School Facilities

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Monday, June 28, 2021

Housekeeping

- Please respect the health & safety guidelines
- Emergency exits
- Restrooms
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New Approach to Your Comprehensive School Safety Plan

Post pandemic and natural disasters



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Countywide Effort to Standardize

The Monterey County Office of Education (MCOE) provides leadership and support for school emergency training and safety plan development through the Division of General Services and Business Support, and in partnership with the Monterey County Office of Emergency Services (OES) and our county consultant Kimball and Associates.

Goals

- Establish standardized Comprehensive School Safety Plans (CSSP) for Monterey County Schools
- Develop tailored training programs to meet the needs of individual districts (CSSP, Crisis and Emergency Response, Implicit Bias, document amendment training for AR's and BP's) and more)
- Expand standard operating procedures (SOP) and update Board Policy (BP) and Administrative Regulation (AR) documents to include current response/action items for Districts and MCOE
- Collaborate with law enforcement for the implementation of new strategies and training mechanisms



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Comprehensive School Safety Plans and Training

California Education Code 32281.

- Mandates that each school's Site Council, or a Safety Planning Committee authorized by the Site Council, develop a "safety plan" relevant to the needs and resources of the school.
- "Safety", in terms of these plans includes various aspects of social, emotional, and physical safety for both youth and adults at our schools
- In 2019 after passage of AB 1747, the CSSP also must include procedures for conducting tactical responses to criminal incidents
- The California Department of Education developed a [Compliance Tool](#) for all Comprehensive School Safety Plans as a starting point for the content.
 - The Monterey County Office of Education has been working with our partners to expand upon the compliance tool to include standardized policies, procedures and training programs for all public and private schools in Monterey County.



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District and MCOE Standards Process

- **Form a Team**
 - Members and Alternates, set meeting schedule at beginning of the year, establish goals.
- **Review Existing Policies for Accuracy**
 - Administrative Regulations, Standard Operating Procedures, Training Guidelines and Drill Schedules
- **Perform Safety and Risk Assessments**
 - Facility Site Assessments
 - Mental Health Assessments and Teams
 - Air quality and learning environment standards
- **Determine the Best Practices for Your District**
 - How to address special needs concerns, proximity to other helpful infrastructure, what drills are best and most useful for your demographic and age group.
- **Review and Amend**



Fresno County Superintendent of Schools (FCSS)

Comprehensive School Safety Plan (CSSP)



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FCSS CSSP

- Pursuant to EC 32281, the Fresno County Superintendent of Schools (FCSS) is responsible for developing a Comprehensive School Safety Plan (CSSP) for its schools operating kindergarten or any grades 1 to 12, inclusive.
- The CSSP provides guidance and direction to program managers, faculty and staff who have emergency management responsibilities for incident involving FCSS school facilities. The following areas are in the CSSP.
- FCSS follows the small school district process .



FCSS CSSP (cont.)

- Current Status of School Crime Committed on Campuses and at School-related Functions (EC32282(a)(1))
- Child Abuse Reporting Procedures (EC32282(a)(2)(A))
- Disaster Procedures (EC32282(a)(2)(B))
- Expulsion Procedures (EC32282(a)(2)(C))
- Procedures to Notify Teachers of Dangerous Pupil (EC32282(a)(2)(D))
- Discrimination and Harassment Policy (EC32282(a)(2)(E))
- School-wide Dress Code (EC32282(a)(2)(F))
- Procedures for Ingress/Egress of Pupils, Parents, Employees to/from School (EC32282(a)(2)(G))
- Safe and Orderly Environment Conducive to Learning (EC32282(a)(2)(H))
- School Site Discipline Rules (EC32282(a)(2)(I))
- Tactical Response Protocols (EC32282(a)(2)(J))
- Bullying Policies (EC32282(f))



FCSS CSSP (cont.)

- FCSS has no CSSP interaction with the school districts within Fresno County. We only work with FCSS schools.
- On or around November an initial email is sent to staff about the CSSP.
 - School sites work with FCSS's legal team to finalize plans.
 - All plans are due to Facilities two weeks prior to March 1 every year.
 - All sites are compiled into one CSSP for FCSS and posted on the internet after it is approved by County Office Superintendent of Schools.
- EC 32288 requires each school district or county office of education to annually notify the CDE by October 15 of any schools that have not complied with Section 32281.





ERIC PAUL ZAMORA/THE FRESNO BEE/AP

Eric Paul Zamora/The Fresno Bee/AP



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Standardized CSSP

Advantages for County Wide Standard CSSP

- Same templates
 - Moving to different districts same information
- Ongoing communications and training
 - Great for networking
 - Consistency across districts creates confidence in parents/community
- Improves Clarity
 - No guess work
 - Similarities
- First responders and other agencies will be familiar with the plans



Training Standards

- **Address Training Needs Early in Process**
 - What does your District or COE currently have in place?
 - Where were the deficiencies?
 - Did you build a schedule for implementation?
- **Conduct Table Top and Round Table Drills**
 - Much easier to work out the kinks with staff when done in an informal table top setting
- **Conduct Live Drills with Administration Staff First**
- **Review and Amend Prior to Rolling Out to Sites**
 - Build an After Action Report and use for improving your drills
- **Conduct Routine Live Drills with Teachers and Students**
 - Fire Drills, Earthquake Drills, Shelter In Place, Lockdown (LEARN, ALICE, Run Hide Fight)
 - How are drills structured differently for elementary students vs. middle/high school age students?
 - Does Evacuation during a Lockdown apply?
 - Did you survey the teachers about what works and what does not?



Review and Update Policies

Go beyond what is required of the CDE CSSP Checklist

- Include updated AR's and corresponding BP's such as:
 - Environmental Safety - Indoor Air Quality Standards - [AR 3514](#)
 - Emergency and Disaster Preparedness Plan - [AR 3516](#)
 - Fire Drills and Fire Response - [AR 3516.1](#)
 - Bomb Threats - [AR 3516.2](#)
 - Earthquake Emergency Procedures Systems - [AR 3516.3](#)
 - Pandemic Response - [AR 3516.4](#)
 - Campus Security - [AR 3516.5](#)
 - Other as required by District/COE



Biggest Pitfalls

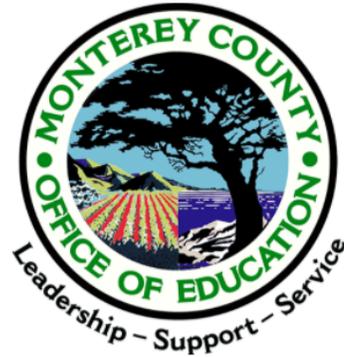
- Local and Regional Agencies have not reviewed your plans, ICS Team structure, and have never seen your infrastructure until an event occurs.
- Districts do not have a trained Public Information Officer (PIO) readily available to interact with the media.
- Turnover in staff responsible for coordination of planning efforts.
- Layers of redundancy in communications.
- No Site Management Binders
- Scrambling to find main binder in the event of an emergency.

- California Government Code States that inadequately trained school staff render school officials potentially liable for acts committed or omitted by school staff acting within the scope of their training during or after a disaster. (Sub Sections 835-840.6)



Countywide Response to Pandemic

[MCOE Guidance Document](#)



COVID-19 Pandemic Response Template for Monterey County Schools and Districts

May 2020

(Customize and rebrand this page for your school or district. Remove the word "template" from the title.)



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Indoor Air Quality Guidance

- Indoor air quality has come to the forefront of mitigation for COVID-19
- Research shows high levels of carbon dioxide, a variety of other particulate matter, known as PM2.5 and PM10 (PM2.5 refers to particles 2.5 microns in size and smaller, while PM10 refers to larger particles), and aerosols from human respiratory systems which could contain infectious viruses, all pollute the air.
- The air in any given classrooms receives 2-3 air exchanges per hour, and those air exchanges are not 100% outside air. In many cases they are 10-20% outside air.
- The concept is tested and proven that if we introduce more direct outside air, along with units designed to mix the stagnant air, we end up with a higher cognitive learning environment.



Monterey COE Working With The Hayward Score

- Monterey COE had the opportunity to work with Bill Hayward of The Hayward Score/Hayward Lumber and Dr. Mark Hernandez from the University of Boulder on an indoor air quality study and guidance tools.
- The study was developed for Denver City Schools and Post Ranch, Big Sur and initially proposed proper calculation of clean air delivery and ventilation rates.
- How do we calculate the ventilation rates, add the right amount of HEPA based on rated clean air delivery rate (CADR) at the planned operating speed and achieve energy efficiency?
- The Hayward Score has extensive experience with these tools from years of teaching the industry to build healthy, energy efficient and resilient housing.
- The working group had the honor of bringing these tools to the schools in Denver City and Monterey County in the hopes of mitigating exposure risk.
- The plan was to leave our schools the legacy benefit of increased average daily attendance, lower energy bills, better learning outcomes and resilience to environmental factors like agriculture and forest fires.
- MCOE has held a variety of online sessions with Monterey and San Benito County Schools on the use of these tools and mitigation strategies.





Mark Hernandez, Ph.D., PE

S J Archuleta Professor of Civil and Environmental Engineering

University of Colorado at Boulder



25 years

Professor Hernandez directs an Environmental Microbiology and Toxicology Lab that assesses emerging engineering interventions in the sanitary engineering and industrial hygiene sectors, which can translate into sustainable environmental health practices.



Implementation Plan for Air Quality

1. Increase outside air flow with the use of opening economizers to 50% (on RTU's), use of operable windows and box fans to create better circulation.
2. MERV-13 filters must be installed, however all units that do not comply with current 2019 CBC requirements will have issues with the MERV-13's as there will be a much higher static pressure than designed.
 - This can be mitigated with more routine (2-3 month) filter changes.
 - MCOE has tested this concept on all units at MCOE (8 RTU's, 2 Air Handlers, and 39 Bard units) and we have not seen any issue with motor, belt, noisy ductwork, or systems failure.
3. Installing Sensware monitors in all classrooms to monitor the baseline.
 - These are quick and relatively inexpensive steps Monterey County and surrounding counties have already implemented to improve the indoor air in our schools.
 - All of this has been adopted into Board Policy, added to current Administrative Regulations, and inserted as priority in all Comprehensive School Safety Plans in Monterey County.



The State Perspective

To Mandate or Not Mandate



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CSFC Business Meeting Agenda

- CSFC Annual Summit: Sept. 23 & 24, 2021
 - Location TBD
 - Call for Topics
- AB 599 (Jones-Sawyer)
- Universal Transitional Kindergarten
- 2022 State Bond



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THANK YOU!

***Disclaimer About Event Materials:** The presentation materials utilized for this event were prepared by individual presenters. As with all CASH events, the presentation and materials are not intended to constitute legal advice. School district and county office of education personnel should consult with legal counsel for advice on specific issues and applications of any laws.*



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