Update on Conditions of Readiness for School Reopening

Board Meeting
February 18, 2021

Agenda Item No. 7.4

Presented by:

Christine Baeta, Chief Academic Officer
Nathaniel Browning, Director of Facilities
Diana Flores, Director of Nutrition Services
Victoria Flores, Director of Student Support and Health Services
Vincent Harris, Chief of Continuous Improvement and Accountability
Keyshun Marshall, Coordinator of Risk Management
Cancy McArn, Chief Human Resources Officer

Return Together Vision Statement

Sac City Unified will disrupt the current status quo of systemic inequity to meet the academic, social and emotional needs of all our students, especially.001 Tv

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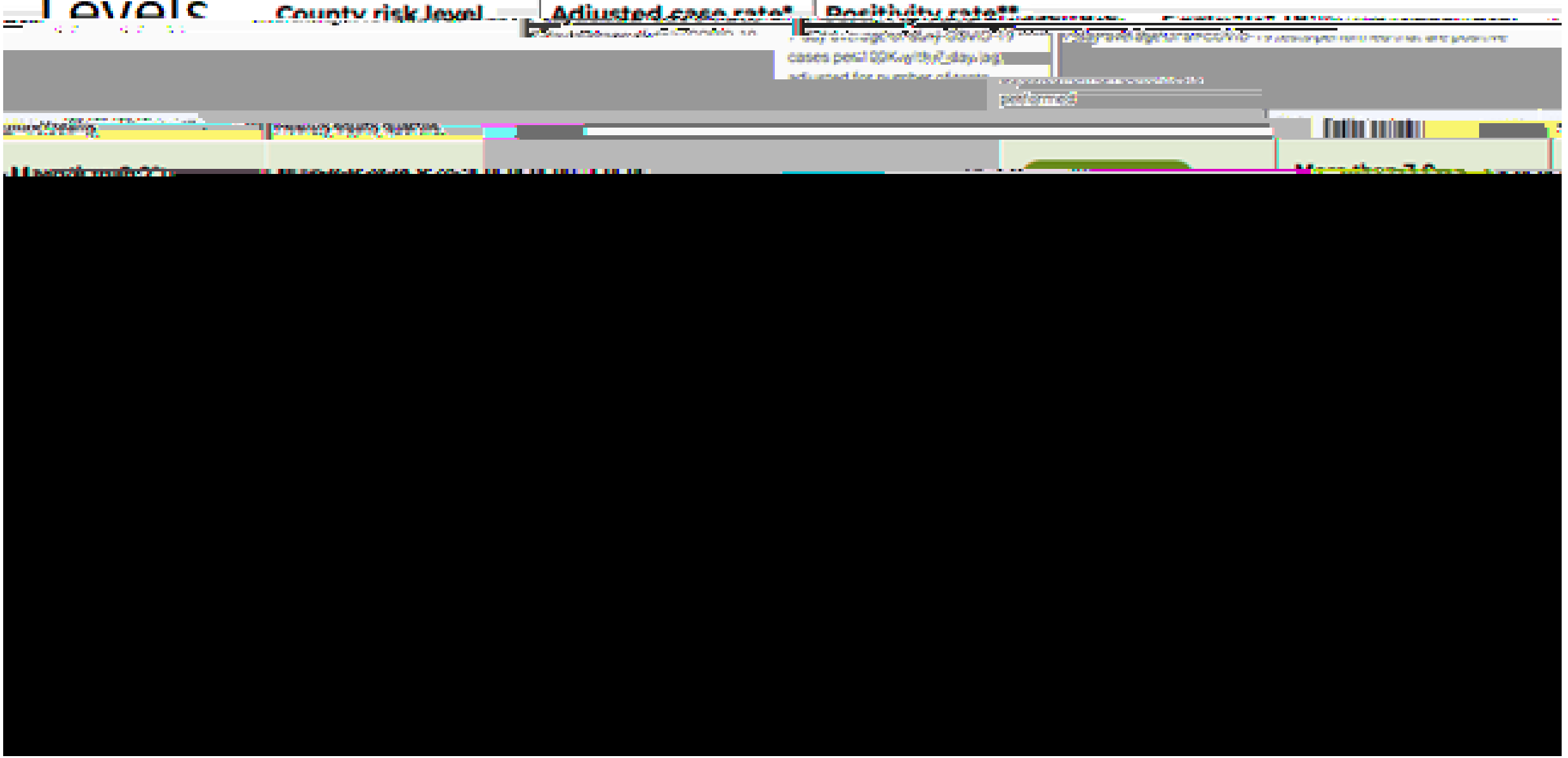
Sacramento County Public Health - COVID-19 Levels



Re-Opening Tier Parameters

The county must meet the criteria for the prior two consecutive weeks for

Purple — **Red**

- County will move to this tier only when the:
- PK to 6th grade: schools are allowed to open for
- Sacramento
- 14 days
- incidence rate
- currently
- positivity rate is
- between 5-8% (Currently 6%)
- eligible since
- After 5 consecutive days of maintaining the red tier, all grade levels may open for in-person instruction
- Sacramento County has been approximately February 16th
- instruction must remain
- Schools conducting in-person instruction or supports must maintain mitigation measures,
- closed
- in-person instruction must implement
- mitigation measures,
- meetings, and
- schools
- mento County
- including those outlined in the most current guidance from CDPH and Sacramento County Public Health.
- guidance from CDPH and Sacra
- Public Health.

Learning Hubs & Athletics

- Learning Hubs are allowable under the preexisting CDPH small groups/cohort guidance. Cohorts cannot exceed 16 individuals per cohort or more than 25% of the entire school population.
- Outdoor only sports conditioning and competitive play using equipment is allowable for physical education classes and student athletics.

Center for Disease Control Guidance

The Science Brief: Transmission of SARS-CoV-2 in K-12 Schools

- CDC has also released

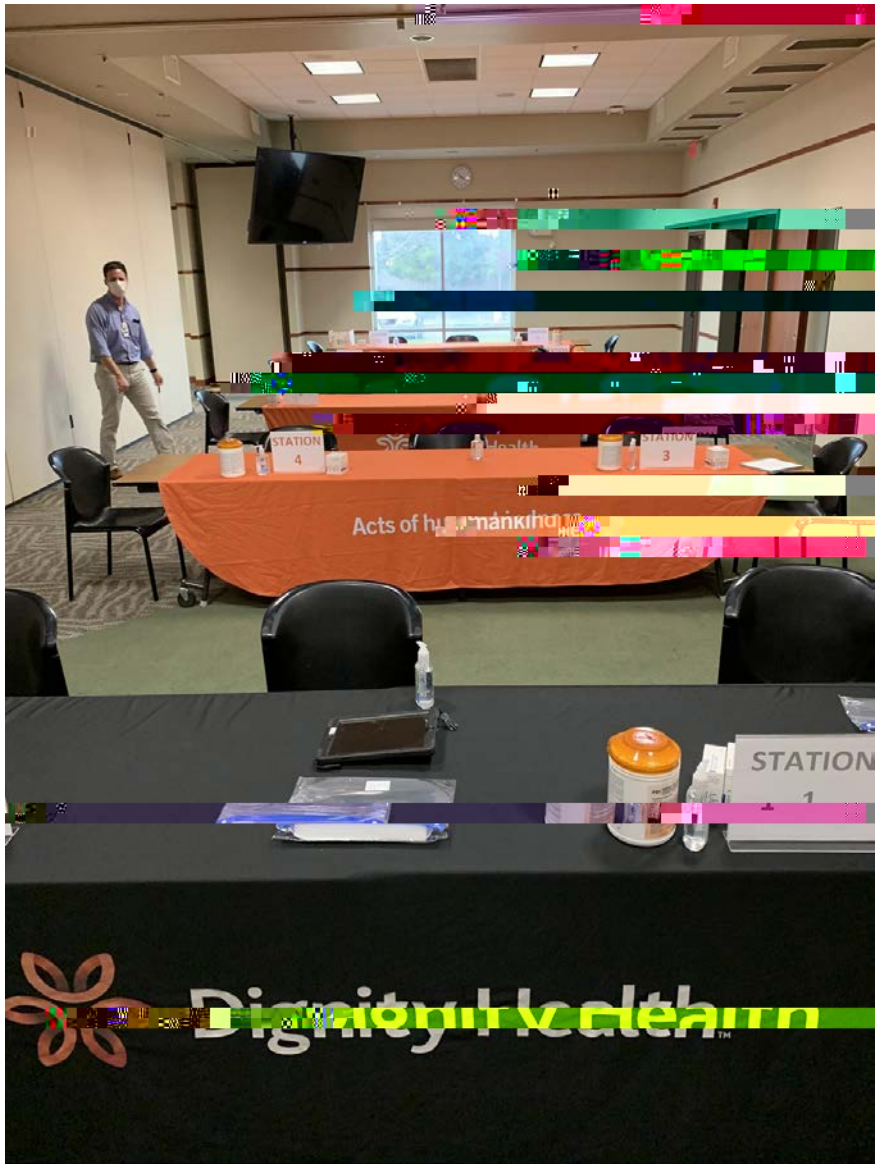
- February 16th Sacramento County moved further into the Phase 1b group to include education & childcare staff

COVID Vaccine

- Initial priority groups communicated on 2/16

Priority Groups	Priority Group
Nutrition Services Youth Development Elementary Special Education teachers and aides Elementary Site Administration Elementary Facilities (Plant Managers and Custodians) Elementary Office Staff (Office Managers and Clerks) IT Staff Learning Hub Staff	1
EK - 3rd Grade Teachers Secondary Special Education	2
4-6th Grade Teachers High School Staff and Educators Middle Schools Staff and Educators	3
Remaining Facilities/Maintenance & Operations staff Serna Center staff Board of Education Superintendent	4

COVID Vaccine



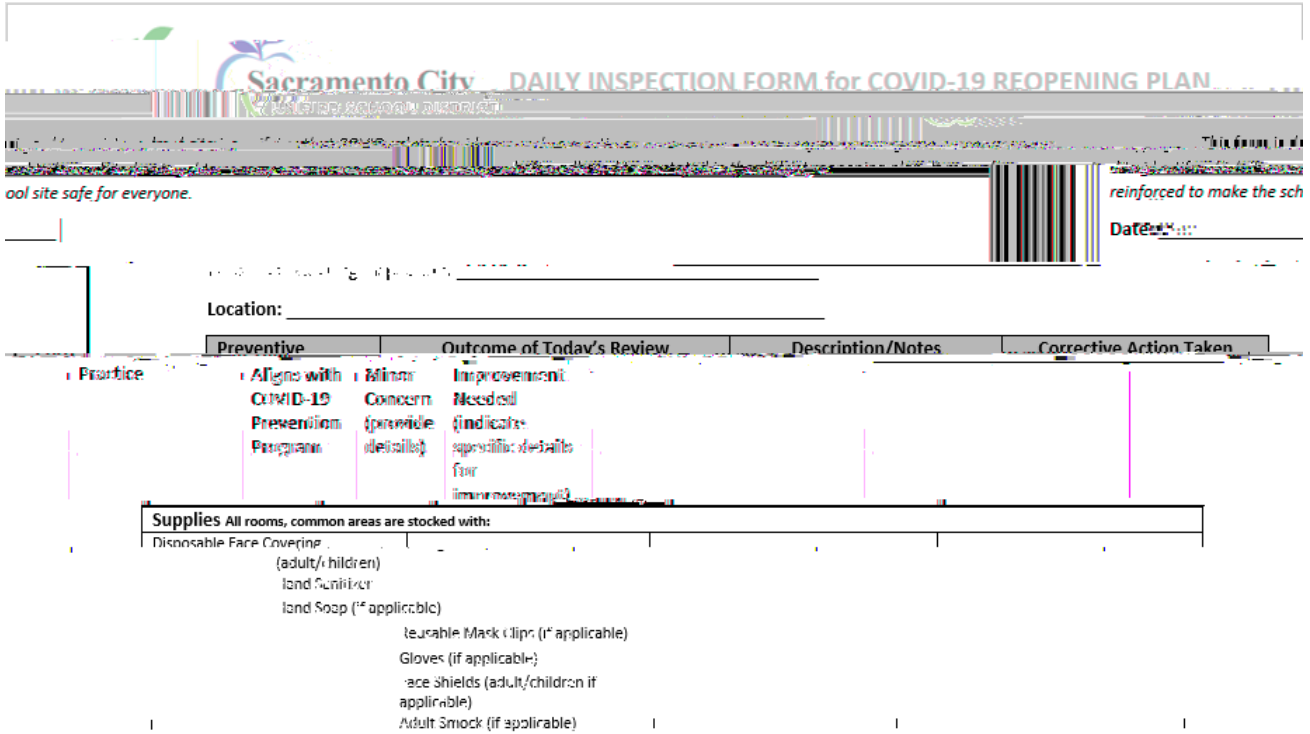
Nutrition Services

Mayor Steinberg Sacramento Strong Video

- Health and Safety Plan:
  - Published (continually revised)
  - Videos and website published
  - Contact Tracing Procedures
- Health Promotion Practices (Flu Clinic/COVID Clinic)
- SCUSD Dashboard on positive cases/exposures

- Care Room Supplies and procedures at each site
- Daily disinfection schedule
- Plexiglass barriers:
  - Front office locations
  - For student one-on-one assessments
  - v Stanchions for crowd flow

- Daily Inspection Checklist
  i. Updated to meet current CDPH and CDC guidelines


Sacramento City DAILY INSPECTION FORM for COVID-19 REOPENING PLAN

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reinforced to make the sch

Date:

Location:

Preventive Practice	Outcome of Today's Review: Aligns with COVID-19 Prevention Program	Minor Concern (provide details)	Improvement Needed (indicate specific details for improvement)	Description/Notes	Corrective Action Taken
Supplies All rooms, common areas are stocked with:					
Disposable Face Covering (adult/children)					
Hand Sanitizer					
Hand Soap (if applicable)					
Reusable Mask Clips (if applicable)					
Gloves (if applicable)					
Face Shields (adult/children if applicable)					
Adult Smock (if applicable)					

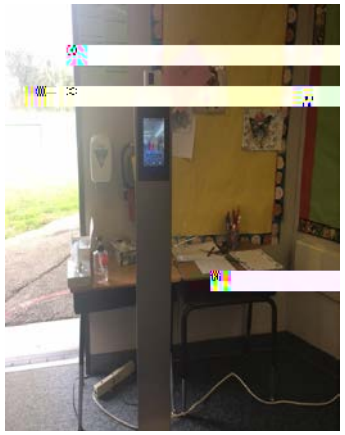
- All employees provided access to Hour Zero Training

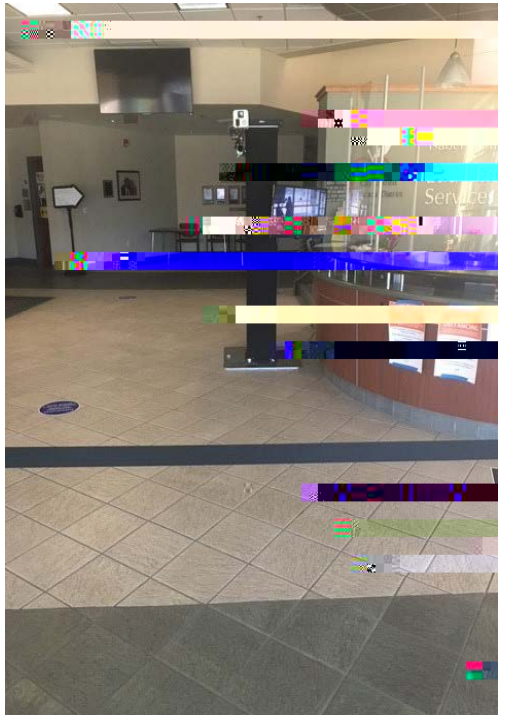
- Testing available for all staff at Sac County Public Health Community Testing Sites
- Process for Reporting Positive Test

- Health Screening procedures
- Protocols for visitors or non-essential people on SCUSD sites

- Temperature check equipment at each site
  - Handheld
  - Temperature check equipment at each site
    i. Thermal Scanning
        1. All Thermal Scanners are at sites

Thermal Scanners





- PBK Architects walked each site and classroom and outlined any additional needs at each site/classroom that may be needed to best

- Plexiglass barriers:
  - Front counters - complete
  - Library counters - will be completed by March 1
  - Multipurpose and meal counters - complete
- Directional signage and stanchions:
  - Stanchions provided to each site - complete
  - v Directional arrows and signage provided - will be complete by March 12

- Staff is working to finalize site specific signage plans and maps

- The CDC recommends that a multi-layered approach is taken to address ventilation needs for mitigating COVID-19. The District has implemented the following recommendations:

- On February 16, 2021, the Centers for Disease Control (CDC) issued guidance on returning to school.
- Until then, SCUSD Facilities Department followed “back to school” guidelines issued by:
  - The California Department of Public Health (CDPH)
  - The Centers for Disease Control (CDC)
  - American Society of Heating Refrigerating and Air-Conditioning Engineers (ASHRAE)
- CDC and CDPH both defer to ASHRAE for ventilation standards.
- In meeting various guidelines, a multi-layered approach was created to prepare for eventual reopening of schools.

- HVAC solutions (in green), compared to CDPH, CDC, and ASHRAE standards.
- Note that SCUSD purchased portable units that were intended to meet HEPA standards using UV technology.
- Portable unit selection process is described in following slides.

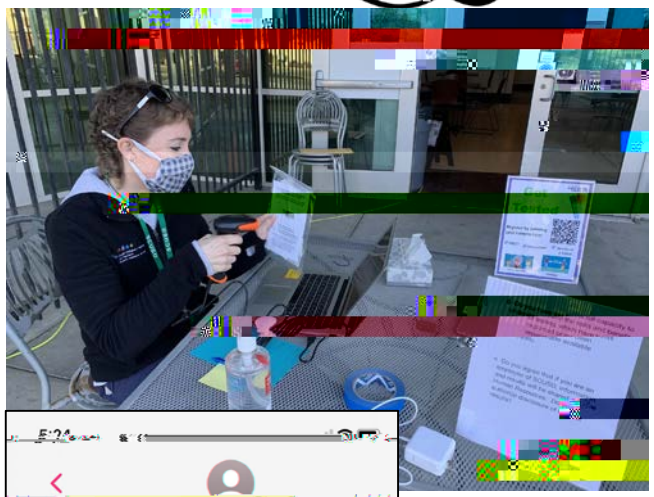
- ASHRAE states that MERV filters of 13 or greater should be installed in HVAC units
  - Filters are much thicker and heavier than typical MERV-8 filters
- District staff have replaced MERV-8 with MERV-13, wherever possible
- When MERV filters cannot meet the standard of MERV-13, ASHRAE states:
  - *“if an increase in filter MERV level cannot be accommodated using the existing air handling equipment fans and motors, consider using in room HEPA filter units in high occupancy of high bioburden (such as the building entry) spaces.”*

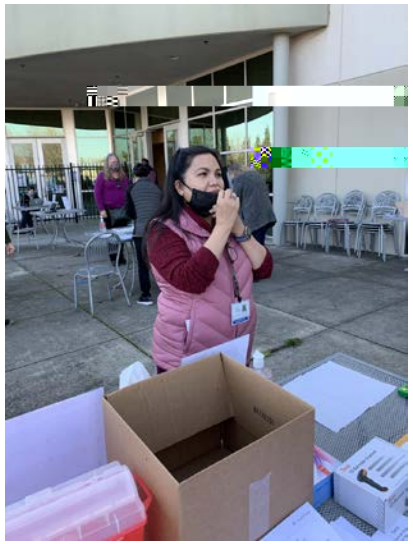
- District staff had several criteria to consider when selecting an “in room HEPA filter unit.”
  - Mitigation of the COVID virus
  - Large open classrooms with an average of 960 square feet
  - Inadequate electrical infrastructure in many parts of the District
  - Health and safety of staff tasked with replacing HEPA filters
  - Addressing VOCs caused by wildfire smoke
  - Improving general indoor air quality
  - Commercially available product with ability to fulfill a large order
- Johnson Controls was selected to provide the V-Pac SC, manufactured by Ultra Violet Devices, Inc. (UVDI).
- This unit provides HEPA equivalency, without the electrical demand.
  - Equivalent rating of MERV 14 or greater
  - Ultraviolet Germicidal Irradiation (UVGI) as endorsed by CDC
  - Photocatalytic Oxidation

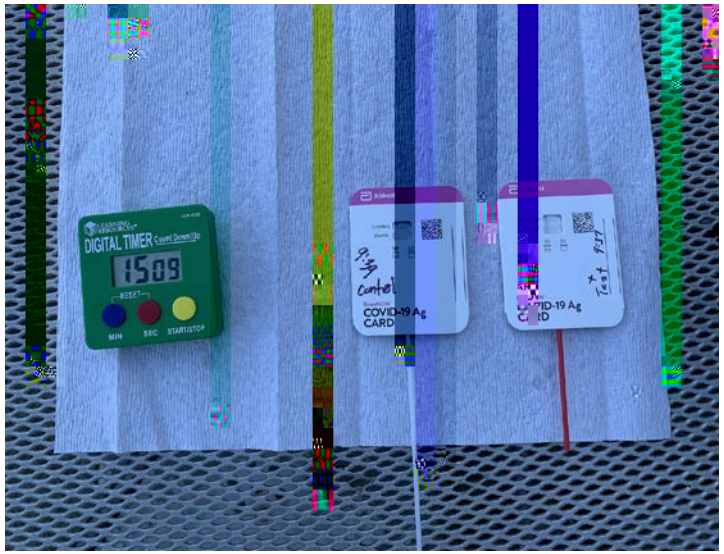
- Test the UVDI V-PAC SC unit in the Field to confirm that it meets ASHRAE HEPA filter standards.
  - Staff will hire an independent third-party testing agency to test the indoor air quality created by the unit in the field.
  - The test is intended to confirm that there are no by-products created by the unit exceeding OSHA health and safety standards.
  - The results will be provided in approximately three weeks.
- Upgrade to MERV-13 filtration at all District school sites
  - Staff will provide a third-party budget estimate for modernizing HVAC systems.
  - Time is needed to provide this data, due to complexities of individual systems and number of schools.
  - Staff will provide a plan and timeline for providing this information within two weeks.
- As we anticipate that modernizing all HVAC units in the District to meet MERV-13 filtration standards will be cost and/or schedule prohibitive:
  - The District is working to secure an estimate of the cost and timeline for upgrading electrical systems in schools so that additional portable filtration options can be considered over time.

- Concerns about the product selected (and responses) include:
  - Clean Air Delivery Rate (CADR): the CADR is a residential metric created by the "Association of Home Appliance Manufacturers" to determine how quickly pollen, dust and tobacco smoke are removed from the air. It does not measure COVID-19 or wildfire smoke mitigation, two criteria (slide 32) developed by the District.

- Routine SCUSD on-site testing
  - Health Services will provide at least weekly testing at all Learning Hub sites and all district locations
  - v First training/practice testing event was held on Feb 10th - expanding to all sites by end of March 2021.
  - v PCR Testing – Results are available in 24-48 hours
  - v Rapid Antigen Testing – Results in 15 minutes.






DIGITAL TIMER
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COVID-19 Ag CARD

Wednesday 20:09 AM

Guarde el código de barras para que pueda ver sus resultados en color.com/covid-test:
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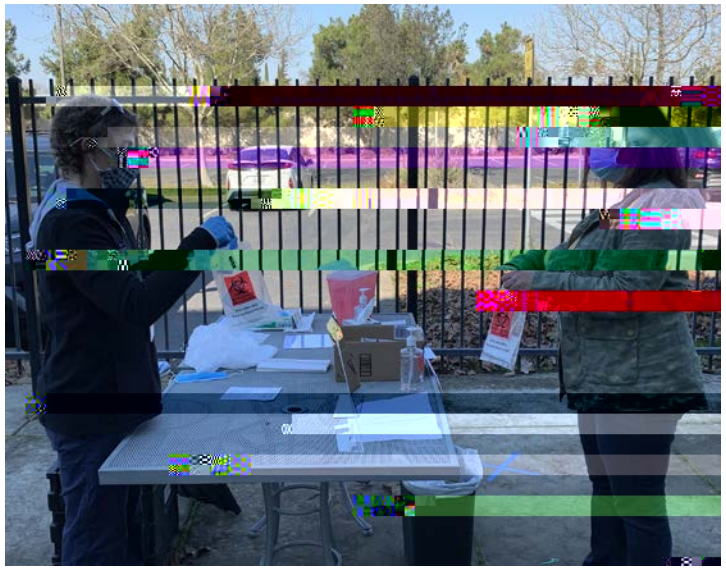
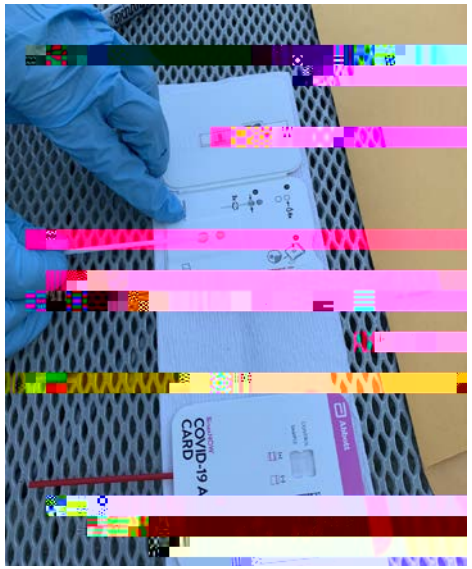
D-79-5953-4251
You can also take a photo of your barcode with your phone.
We will text and em
results are ready. This usually takes 48 hours.
También puede usar su teléfono para sacarle una fotografía al código de barras.
Le enviaremos un mensaje de texto y un correo electrónico (si entregó una dirección) cuando los resultados e
Esto, normalmente, toma 48 horas.

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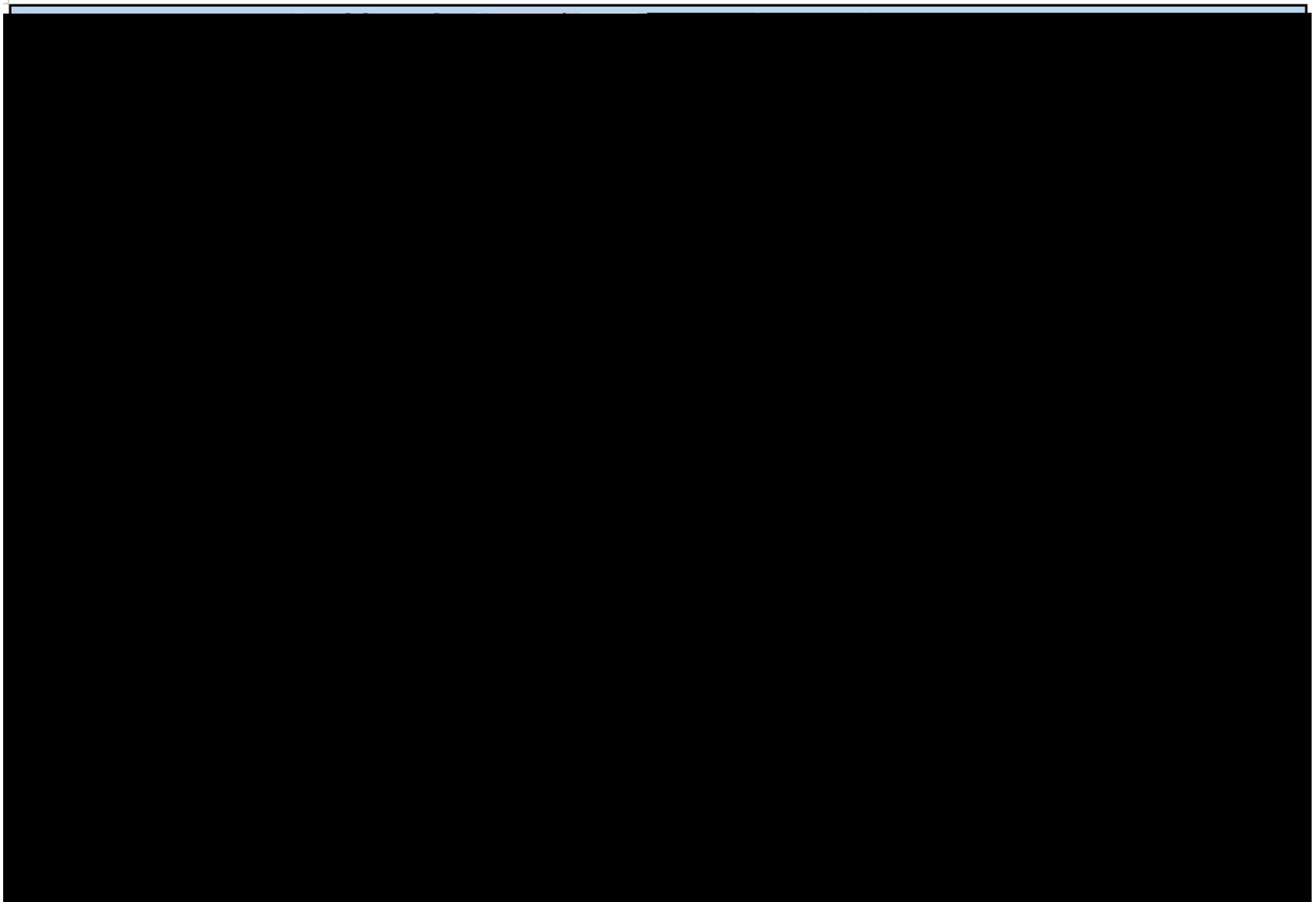

Prepared to Meet the Needs of our Learners

-

Learning Model and Phase In

- Distance Learning will remain an option for families by choice (C)
- In-Person Concurrent Model (A/B)
  - A combination of in-classroom (two days per week) and at home distance learning
  - Students keep their same teacher(s)

Elementary Learning Model

	Full DL Day	Group A	Group B	Group A	Group B
	Group A Group B Group C	Group B Group C	Group A Group C	Group B Group C	Group A Group C
	Group D	Group D	Group D	Group D	Group D

- 3 hours of student instruction
- Tues-Fri: Full day live instruction. Concurrent teaching of students in person and students at home.
- Monday: Distance learning for all. Time for both whole group synchronous instruction and targeted small group instruction. Collaborative Time for teachers.
- Staff is currently analyzing whether Learning Hubs could continue based on possible facilities constraints

Secondary Model

Models in Our Nearby Districts

District	Schedule Model	Full DL Day/Option	Student Synchronous/in person Per Day
Sac City Unified	A/B Model	Yes/Yes	3 hours
Natomas Unified	A/B Model	No/Yes	3 hours
San Juan Unified	A/B Model	Yes/Yes	2.5 hours(k-8) 3 hours (9-12)
Twin Rivers Unified	A/B Model	Yes/Yes	3 hours
Elk Grove Unified	A/B Model	Yes/Yes	2 hours (TK - 1) 3 hours (2-12)

Learning Model and Phase In

- Recommended Phased-in implementation of the In-Person Concurrent Model
  - Weeks 1-2, March 22-26; April 5-7: All staff would return in order to prepare to support students
  - Spring Break: March 29-April 2
  - Weeks 3-4, April 8th: Return of all Pre K-3 students and all K-6 Special Day Classes students
  - Week 5, April 15th: Return of all 4th-6th grade students
  - Assuming Sacramento County moves to Red Tier all 7-12th grade students return no later than May 6th