SCHOOL REOPENING: REMOTE LEARNING & HYBRID CLASSROOMS
SCHOOL REOPENING SCENARIOS
“When it comes to ensuring that California students continue receiving a high quality education—and doing so safely—we must rise to meet the challenge.

Tony Thurmond, CA State Superintendent of Public Instruction
CALIFORNIA DEPARTMENT OF EDUCATION

- Purposed Distance Learning Models

CALIFORNIA SENATE BILL 98 EDUCATION FINANCE PART 24.5.

- Defines Distance learning
- Instructional minute requirements
- Device and connectivity access for all

CALIFORNIA 2020-21 FULL BUDGET SUMMARY

- Requirements for distance learning services
- Distance learning attendance requirements
Schools do not reopen with students on-site. They operate as they did post-COVID, but with an additional two months of planning to address identified issues.

This includes two scenarios:

- Teachers at home
- Teachers at the schools

### Full Remote

Schools reopen with students on-site. They operate as they did pre-COVID; however, they follow CDC guidance such as:

- Staff and students over age 3 wear masks
- Scheduled handwashing hourly and upon arrival and departure
- Daily temperatures checks prior to entry for staff and students

### Hybrid

This could include:

- Schools reopen with an option for students/parents to keep students at home completing the education process remotely
- Schools reopen, with some courses remote and others onsite (labs and hands-on CTE)
- ESs and MSs student on-site, HSs are remote. Shift MS students to the HSs. Shift some ES students to the MSs.

### Return to Campus

Schools reopen with regular schedule and calendar. They operate as they did pre-COVID; however, they follow CDC guidance such as:

- Staff and students over age 3 wear masks
- Scheduled handwashing hourly and upon arrival and departure
- Daily temperatures checks prior to entry for staff and students

### Adjusted Schedule

This could include any number of schedule-related measures to reduce number of students and staff on campus:

- Alternating days/weeks of remote learning/onsite
- First half/second half of the day
- Have teachers rotate instead of students

### Adjusted Calendar

This could include various combinations of calendar-related measures:

- Later start date
- Additional days to allow for rolling closures
- Full school year calendar
**Benefits**
- Limited costs associated with Department of Public Health Guidelines
- Teachers choose to work at home or empty classroom
- Additional time to plan to address social distancing challenges

**Considerations**
- Large variety in lesson quality and student support
- Staff and student device access
- Limited use of synchronous lessons
- Compensation for summer planning
**Benefits**
- Teachers have guaranteed setup for instruction
- Students still have onsite teacher to engage with on face to face days
- Social distancing easier to achieve with less students onsite

**Considerations**
- Who will watch students when they are working from home?
- Will this double the workload for teachers by teaching in two different modalities?
- What accommodations will be made for teachers who still do not feel safe returning for work?
- What will teachers with children do if their student is on a remote schedule?
RETURN TO CAMPUS

Benefits
- Supports parents with childcare
- Status quo

Considerations
- Difficult to maintain social distancing (student ratio)
- Mobile dividers to promote transparency and safety
- Teacher and students masks will make communication more challenging - consider audio enhancement
- Hard to make sure students keep masks on, and young students may not do well with their teacher wearing a mask
- Not all students may return and need a blended solution (due to current laws- cameras should capture teacher only)
ADJUSTED SCHEDULE

Benefits
- Social distancing will be easier to achieve with less students
- Rotating teachers through the rooms will allow for less chance of student interaction in passing from class to class

Considerations
- Transportation schedules will need to be adjusted to accommodate rotating students
- If AM/PM model is used teachers with young students must be taken into consideration
- What accommodations will be made for teachers who still do not feel safe returning for work?
Benefits
- Builds in time to address academic needs
- Provides time for remediation/acceleration

Considerations
- Students may be remote at different times of the year- need for blended instruction
- Not all students may return and need a blended solution (due to current laws- cameras should capture teacher only)
- Difficult to maintain social distancing (student ratio)
- Mobile dividers that promote transparency and safety
- Teacher and students masks will make communication more challenging- consider audio enhancements
Looping can be integrated with any of the five reopening scenarios for TK-8 education.

“For schools serving grade levels TK–8, there is an opportunity for students to stay with the same teacher in cohorts for multiple grade levels. Looping provides opportunities for improved relationships between students and teachers, more targeted and efficient instruction, and a higher attendance rate.”
### CONSIDERATIONS

<table>
<thead>
<tr>
<th>EQUITY</th>
<th>PHYSICAL DISTANCING</th>
<th>CLEANING PROCEDURES</th>
<th>HIGH/ SPECIAL NEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>How will the reopening plan impact students from ALL communities you serve?</td>
<td>How will you monitor physical distancing protocols in your district, especially with transportation?</td>
<td>What areas will be deep cleaned? How often? Using what supplies? Will current staff support that?</td>
<td>How will services continue to be administered to our students who require them? ELL? ESE?</td>
</tr>
</tbody>
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<thead>
<tr>
<th>TEMPERATURE CHECKS</th>
<th>PPE</th>
<th>BATHROOMS, RECESS, CAFETERIAS...</th>
<th>VISITOR SCREENING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will districts adopt policies and procedures to screen for temperature as people enter?</td>
<td>Who will use PPE? What will they use and when? Will policies need to be put in place?</td>
<td>How will districts handle areas/ events that cause people to congregate?</td>
<td>Will policies for visitors change, both for their access overall and for the screening when they are onsite?</td>
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<tr>
<th>BOARD MEETINGS/SPORTS/CONCERTS</th>
<th>HAND WASHING/SANITIZER STATIONS</th>
<th>VISUAL CUES</th>
<th>FORMAL PANDEMIC PLANNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>How will districts meet public meeting requirements? Can districts conduct sports and concerts without any crowds?</td>
<td>Where/how will you include sanitizer and hand washing stations and how will you promote their use?</td>
<td>How will districts visually demonstrate important reminders: 6 feet space, hand washing, etc?</td>
<td>How will you build plans for future pandemics, keeping stakeholders engaged, informed, and safe, while remaining flexible to change?</td>
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<tr>
<th>AT-RISK POPULATIONS</th>
<th>SEL/ MORALE/ CULTURE</th>
<th>TRAVEL</th>
<th>EXCHANGE PROGRAMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>What academic and social support services do you have in place to meet student and family needs?</td>
<td>What structures are in place to help staff support students with physical and emotional safety, improving morale, and focusing on culture?</td>
<td>How will districts handle traditional off site activities: field trips, internships, conferences, and PD?</td>
<td>Will you continue to support foreign exchange programs?</td>
</tr>
</tbody>
</table>

How will districts handle areas/ events that cause people to congregate?

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SOLUTIONS IN

- Thermal Screening Solutions
- SanitizeIT
- Portable UV-C Sanitizer
- UV Sterilization Cabinet
- Managing Remote Learning
- Google for Education and Accessibility
- Microsoft Accessibility
- Professional Development
  - Building a disaster recovery plan
  - Distance learning planning
  - Updating your emergency response plan
HYBRID CLASSROOM STRATEGIES
BRIEF OVERVIEW OF CDC GUIDELINES

MAINTAIN HEALTHY ENVIRONMENTS
- Discourage Use Of & Disinfect Shared Objects
- Modify Layouts
- Install Physical Barriers and Guides
- Close Communal Spaces where Possible

MAINTAIN HEALTHY OPERATIONS
- Gatherings and Visitors should be Virtual or Socially Distant
- Identify Small Groups and Keep Them Together (Cohorting)
- Staggered Scheduling

PROMOTE BEHAVIORS THAT REDUCE SPREAD
- Staying at Home
- Hand Hygiene & Respiratory Etiquette
- Cloth Face Coverings
- Signs and Messaging
EXAMPLES FROM AROUND THE GLOBE

Denmark

Hong Kong S.A.R.

Denmark
EXAMPLES FROM AROUND THE GLOBE

France

France

China
CALIFORNIA DEPARTMENT OF EDUCATION

- Use privacy boards or clear screens when practicable
- Ensure desks are a minimum of 6 feet apart arrange desks in a way that minimizes face-to-face contact.
- If necessary, broadcast to other classrooms and students distance learning at home

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

- Maximize space between seating and desks. Distance teacher and other staff desks at least six feet away from student desks. Consider ways to establish separation of students through other means if practicable, such as, six feet between desks, partitions between desks.
- Provide students, teachers and staff from higher transmission areas opportunities for telework, virtual learning, independent study and other options as feasible to reduce travel to schools in lower transmission areas and vice versa.
CALIFORNIA SENATE BILL 98 EDUCATION FINANCE PART 24.5.
● Video or audio instruction in which the primary mode of communication between the pupil and certificated employee is online interaction
● Daily live interaction with certificated employees and peers

CALIFORNIA 2020-21 FULL BUDGET SUMMARY
● The minimum daily instructional minutes and minimum instructional day requirements are maintained, but may be met through a combination of in-person and distance learning instruction.
● Daily interaction with students in distance learning is required
DIFFERENTIATING CAMERA TYPES

WEB CAMS
Standard HD webcam options that plug directly into a computer via USB

STREAMING CAMERAS
Cameras that can “live” stream directly to web based platforms like YouTube, or Twitch etc.

PTZ CAMERAS
USB camera options with automated Pan, Tilt and Zoom (PTZ) capabilities
STRATEGY 1: ALL-IN-ONE

CDW’s All-In-One conference camera solutions are designed with small groups in mind. Including camera and speakerphone, these video conferencing systems deliver plug-and-play ease with outstanding high definition video and exceptional audio and are compatible with most conferencing applications.

STRATEGY 2: SINGLE CAMERA

CDW’s Single Camera solutions offer you a wide array of options that are easy to integrate and deploy, turning any space into a modern meeting room. Our Single Camera solutions offer outstanding audio and video clarity, optional pan, tilt, and zoom performance, along with 360-degrees of sound coverage.

STRATEGY 3: MULTIPLE CAMERAS

CDW’s two (2) camera solution provides capture and streaming capabilities, delivering outstanding video quality. Seamlessly integrating with most AV equipment, these solutions offer a simple user interface and controls.

STRATEGY 4: CART CONFIGURATION

CDW’s Cart Style Option coupled with an Interactive Flat Panel (IFP) brings together the versatility and interactivity of an IFP, with the flexibility of a mobile cart, and the collaborative advantages of a conference camera. This all-in-one option creates a mobile classroom, ideal for remote instruction.
MICROPHONE OPTIONS

OMNIDIRECTIONAL
Omnidirectional 25’ range microphone ideal for podiums and connected classrooms

DUAL MIC OPTIONS
Dual mics offer a simple solution to share audio from teacher and students with remote participants

SPEAKERPHONE OPTIONS
Professional stationary speakerphone with crystal clear sound for larger conference rooms
CEILING MOUNTED

Four evenly distributed speakers allow the teacher student voices to be clearly heard via wearable, or handheld microphones.

ALL IN ONE

All-in-one classroom audio system with multi-layered stereo sound, which is also EPP-Ready, fitting into emergency-preparedness plans.

ALL IN ONE

All-in-one classroom audio system with a flat-panel speaker design and wireless teacher microphone.
PARTITION OPTIONS FOR CLASSROOMS

CLAMP ON DESK OPTIONS

Protects other students within their workspace area with a transparent, easy-to-clean, acrylic panel attached to the edge of their desk.

MOBILE ROOM DIVIDERS

Transparent plastic panels, maintain clear visibility, while providing a mobile protective solution for your students.
Convert the Building Cafeteria Into Multiple Learning Spaces.

Promote Collaboration while shielding students from accidental transmission.
DIGITAL TRANSFORMATION

As innovation leads to further integration of digital systems with physical environments, new possibilities and pitfalls must be considered. It's no longer what you know about technology, it's about the experience you can create with it. By analyzing research and data across CDW-G’s global network of Education partners and customers, we’re able to guide customers through the most critical aspects of digital transformation. Through on-site planning sessions and workshops, we partner with school leaders to develop a vision for change that will create lasting impact. We help identify which solutions will best enhance curricula, enable student ownership and make it easier for students to develop essential skills.

K-12 EDUCATION STRATEGISTS

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One of the key challenges schools face with digital transformation is providing their staff with the appropriate level of training and support during implementations. This has a substantial effect on the future adoption of the technology and it’s imperative that school leaders integrate professional development into their planning to ensure their teachers understand how to effectively use new technologies in their classrooms.

FUTURE-READY SKILLS

Classrooms cannot be absent of an educator who understands each students’ unique backgrounds and needs. A well-developed teacher will use technology to create a personalized learning experience and support multimodal learning so students build the non-technical skills they will need after graduation: creativity, critical thinking, computational thinking, communication and collaboration. With the right culture and curriculum, educators can inspire and challenge students to maximize these skills.
CALIFORNIA TRANSFORMATION AND STRATEGY

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QUESTIONS & NEXT STEPS