STEM CASE STUDY

CPL SPECIALIZES



CPL is ready to assist your K-12 school district with re-opening efforts. At CPL, we understand that school districts are eagerly looking at creative solutions to maximize health and safety in their buildings. Our architects, engineers and designers are actively reviewing existing spaces and are ready to provide immediate solutions. Our Educational team understands the impact of the COVID-19 pandemic on our schools, facility, staff and students, and is hard at work re-imagining immediate solutions. We are also exploring the future design of classrooms and instructional spaces in regard to public health needs and engagement learning.

ONE WAY DIRECTIONAL TRAFFIC

PROPOSED STEM CLASSROOM

OUTDOOR

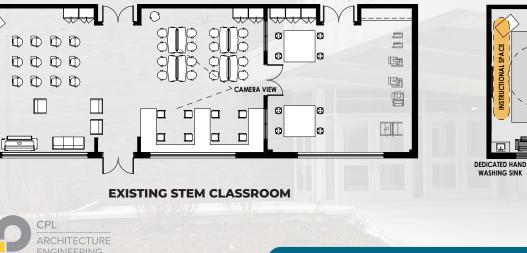
INSTRUCTIONAL SPACE

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PPE

PPE



NEW YORK PENNSYLVANIA NORTH CAROLINA SOUTH CAROLINA GEORGIA

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CLICK HERE TO CONTACT THE K-12 TEAM

ACOUSTICS

Where teachers are wearing masks, provide additional acoustics and review PA technoloav requirements in each area to allow for clear verbal communication

VIRTUAL LEARNING TECHNOLOGIES

Technology and video software to promote virtual learning and distance learning technologies.

DEDICATED HAND WASHING SINK

Designate one sink to be a handwashing sink with a touchless faucet and soap dispenser. Provide paper towel dispenser and open trash canister nearby. Provide sensor operated bottle fillers at all water coolers

SIGNAGE

Provide ample signage throughout in accordance with the district's policies as reminders to social distance. wash hands, wear masks. etc.

PPE

Provide personal protective equipment carts dispersed throughout the classroom for easy access near high traffic areas like entrances into a classroom. The cart should include hand sanitizer, tissues, alcohol or disinfecting wipes, and other cleaning equipment approved by school's procedures.

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HVAC

Central air handling systems are recommended for improved ventilation. filtration. and system controls.

TOUCHLESS DEVICES

Occupancy sensor lighting controls.

OPEN CANISTERS

Provide open canisters instead of closed top trash canisters to decrease touching any additional surfaces

ONE WAY DIRECTIONAL PATH

Provide directional flows in order to decrease congestion or cross traffic where applicable.

AT

FIXED FURNITURE LAYOUTS

Arrange spaces with fixed furniture to allow for a safe social distance learning environment. Post room configurations within the room as to not rearrange furniture unless it continues to provide a safe layout.

MOVABLE PARTITIONS

Provide movable whiteboard/glass partition for barrier separation between activities to be used as duel purpose.



Encourage the use of the exterior spaces where possible. If the environment allows, provide fresh air outdoor learning

BARRIER Adding lavender plant barriers in appropriate places encourages the flow of traffic and establishes distances between activities/zones. Lavender has been known to decrease stress and promote a calm environment. It also helps mask and mitigate the cleaning agent odors that can increase stress and anxiety.



EXTERIOR ACCESS

environments.