

Bris	t(ols	

Equity, Safety, and Health: How to plan for and implement the changes needed in your district.

Presented to the CABE CAPPS Convention, November, 2022.

Learning Targets

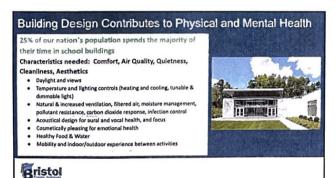
- Learn how building design affects equity, safety, health, and occupant
 performance:
- Learn the process of evaluating and master planning for physical changes;
- Learn how to work with your community to create momentum and consensus for needed upgrades;
- Learn how to work with local and state leaders to plan timelines and availability of funding.



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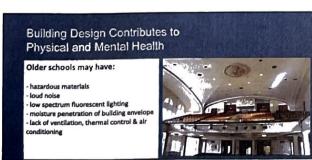
I. Phyrical + Mental Health P/T Performance

Building Design Contributes to Physical and Mental Health Green Schools: Attributes for Health and Learning, Spengler et al., National Research Council of the National Academies, 2007 The Impact of School Buildings on Student Health & Performance, Baker & Bernstein. The Center for Green Schools, 2012



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Astrostos in concrete + plantas





Building Design Contributes to Physical and Mental Health

EXAMPLES:

- Which students are deprived of entural developes their metatorist sycled are discretized, leading to inversist services.
- "eachers report tegher level of carefort when they have
- active to thermal cantrols and operably includes: When institution raths in "long that 1s, fin on student operain intudent pollorimanch texts missit, are beare by 10 15%.



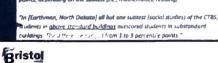
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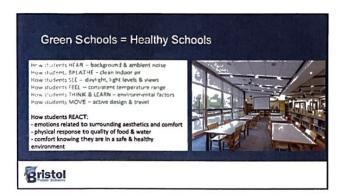
Building Design Contributes to Physical and Mental Health

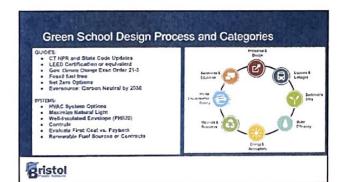
Cash found significant differences between the achievement scores of students in substandard buildings and those in above standard buildings when the overall condition of the building was used as a measure. She also found that students were <u>more affected by the cosmetic</u> than the structural condition of a building. The difference between test scores of students in substandard and above-standard buildings ranged from 2 to 5 percentile paints, depending on the subtest (i.e., mathematics, reading)*

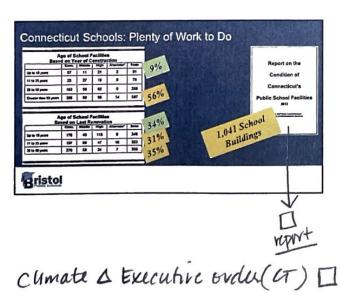




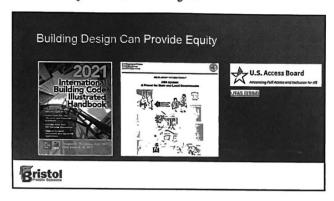
Test scored improved I cosmetic + atore stal buildings



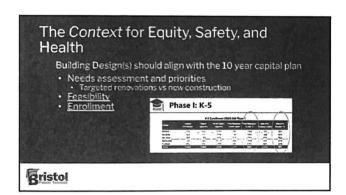


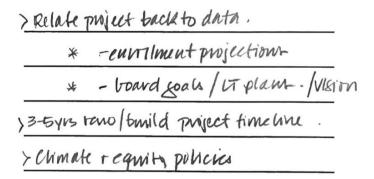


II. Egmity | Safety | Health.



1981 - aguily for physical differences.
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The <i>Context</i> for Equity, Safety, Health	and
Utilizing Board of Education <u>Goals/Priorities</u> BOE Policy and Regulation	
Committee work Operations Building/construction	
District Leadership and Improvement • <u>DEL Climate and Equity</u> • Office of Teaching and Learning (curriculum)	
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Cumiculum.		

Equity Design Categories

- Parking & Accessible Routes
 Equity in Entrance Sequence
 Horizontal & Vertical Circulation
 Toilet Facilities
 Signage & Notification
 Seating & Views
 Reach Ranges
 Doors and Hardware
 Textures, Patterns & Colors
 Emergency Erers

- **Emergency Egress**



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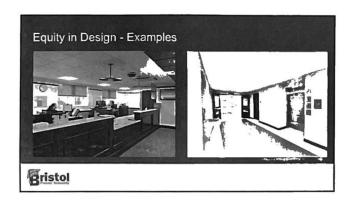


Equity in Design - Physical and Intellectual Designing an equitable environment for staff and students with both Physical and Learning differences

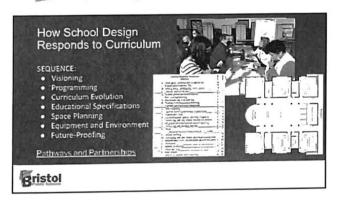
- Main entrance for all
- Main entrance for all
 Equitable quality of space, lighting, features
 Easy & clear circulation paths
 Flexibility & opportunity of differing viewpoints
 Addressing each of the 5 physical senses



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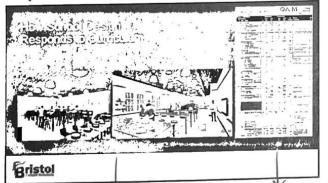


TI. Camiculum.



Plans from 12 yrs ago may not be relevant to D < m education today! May not fit new or much for fortime.

FRustol Aru + Innovation Magnet School



30 models

cost analysis

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program - ntists in vesidence program

now HE students taking collige

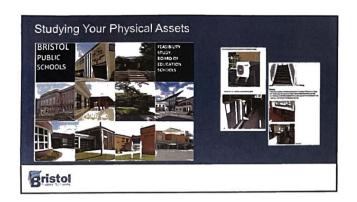


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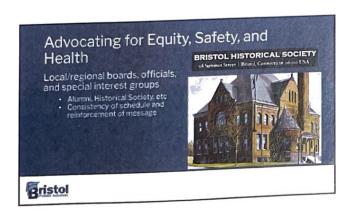




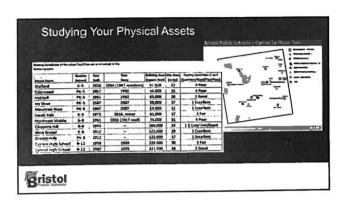
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Communication and Ac Equity, Safety, and Hea	dvocacy for Ith
Students, families, and employees • Thought Exchange and other platforms such as Twitter, Instagram, etc • Surveys differentiated by groups • Board Workshops • PTO and PTA	
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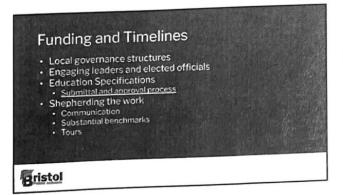


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STATE OF THE PROPERTY OF THE P	section of the sectio	o Promise op Prinsterland

CIP - eval. of what we need to good on upulled over time frame

Pristol - Phane plan of renovations + build - they are now timelding a new bidg on a convent school site.

- timelding a centralized pre-K bidg

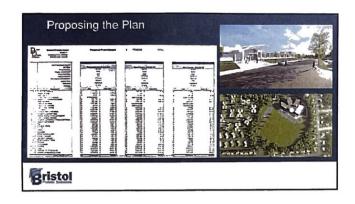


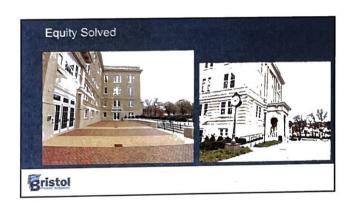
ED GRES: must stryontaget for state & reimbousement

Master Plan -- long time to gather nife toplan Justify cost, regulation 3-5 yr prozess 2018-2022/23

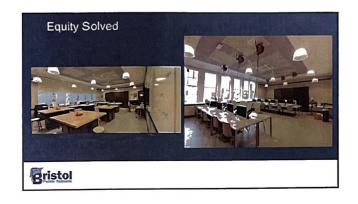
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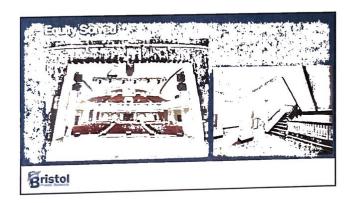
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