



















Why It Matters ~

On average, children spend...



Child Mind Institute https://childmind.org/article/why-kids-need-to-spend-time-in-nature/

90%
OF THEIR TIME INDOORS

EPA https://www.epa.gov/iaq-schools/what-youcan-do-improve-academic-performance THE PHYSICAL ENVIRONMENT IMPACTS
STUDENT LEARNING PROGRESS BY

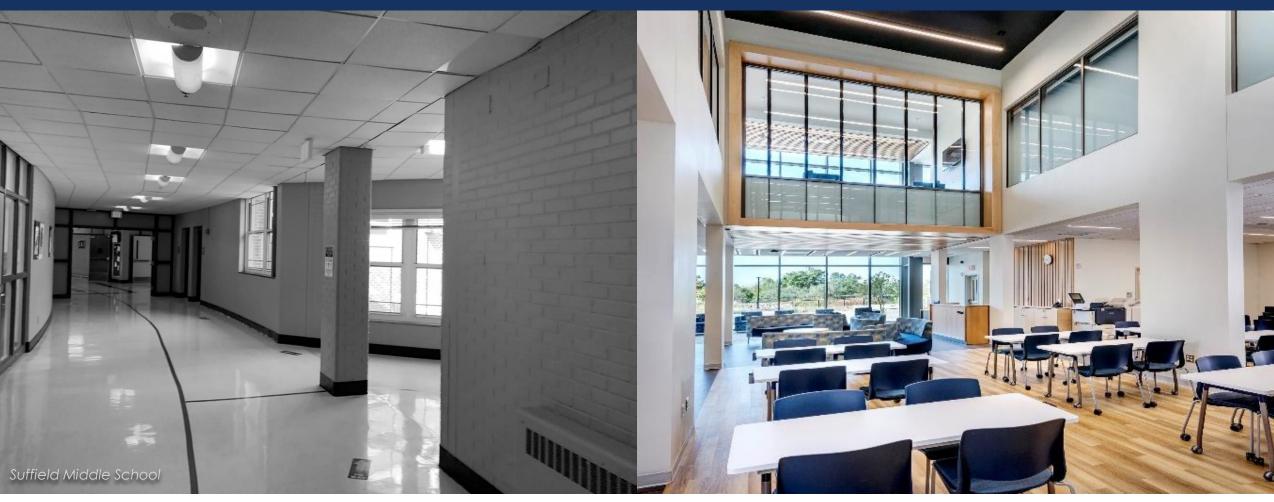
25%

Building and Environment Journal

https://www.sciencedirect.com/science/article/abs/pii/\$0360132312002582







Collaboration Areas & Circulation Zones~

Daylight...

STUDENTS IN CLASSROOMS
WITH MORE NATURAL
DAYLIGHT PROGRESSED...

20% + 26%

FASTER ON MATH TESTS FASTER ON READING TESTS





Typical Classrooms ~

Flexible space, adaptable & reconfigurable furniture...

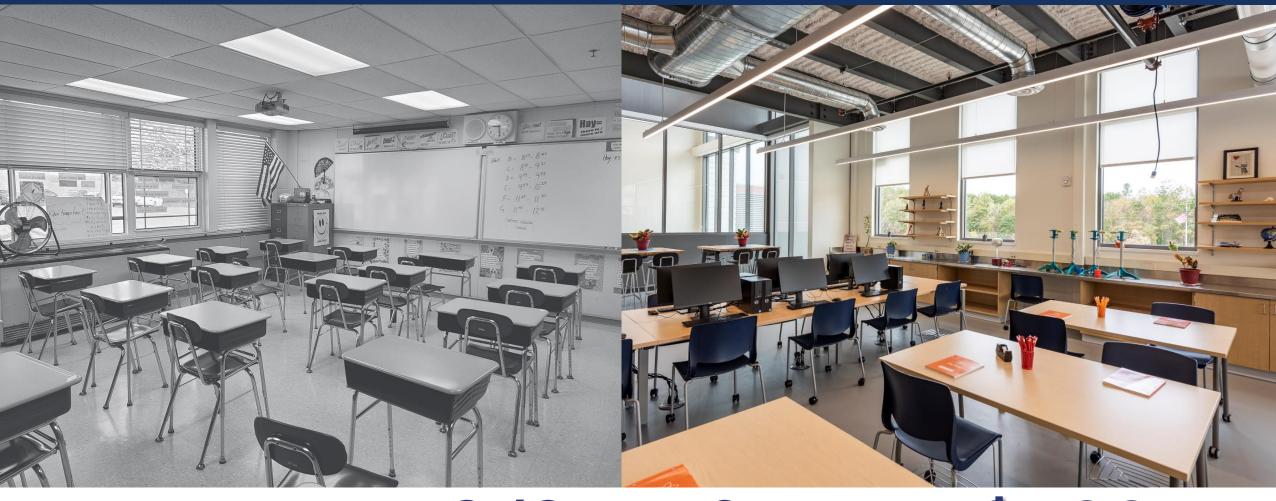
WITH SOFT SEATING, FLEXIBLE SEATING, SEATING CHOICE... 5%
BETTER GRADUATION RATE

THAN THE STATE

REDUCTION IN DROPOUT RATE

OUTPERFORMED THE STATE IN MATH, SCIENCE & READING





STEM Classrooms ~

Fully Integrated Technology and what it supports...

2/3
WANT TO DO ENGINEERING

STARTING AT AGE 9-15

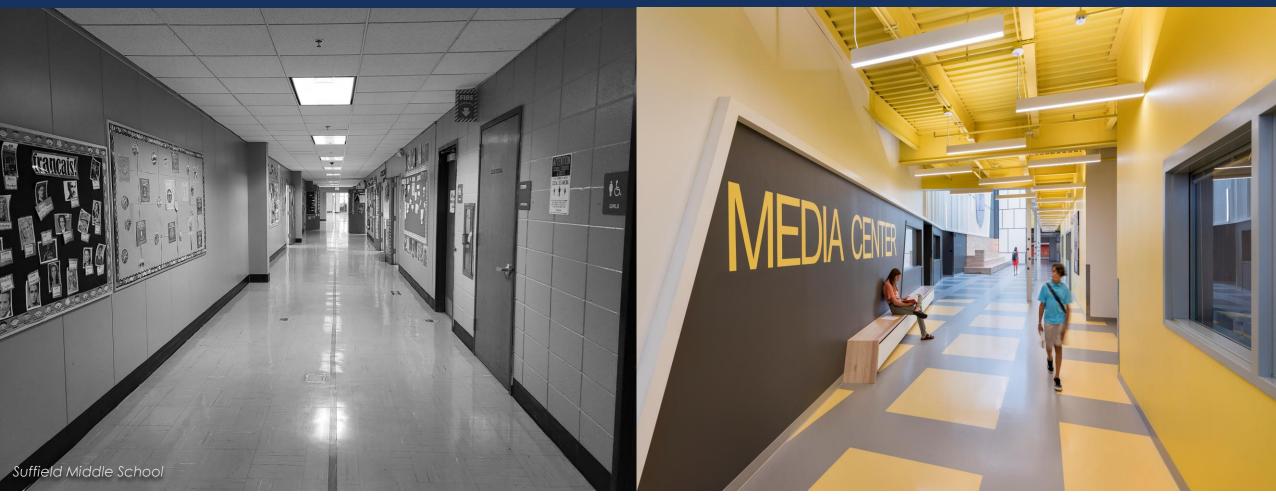
THEY ARE FASCINATED BY SCIENCE

~\$100K

GREEN SCHOOL SAVINGS ANNUALLY (BUYS 200 NEW COMPUTERS)







Personalization ~

Student Work, Neighborhoods, & Wayfinding...

"Do I Belong?"

THE ANSWER IS LINKED TO WHETHER STUDENTS SUCCEED & THRIVE SOCIALLY, EARN HIGHER GRADES AND OPT INTO AND SUCCEED IN MORE DIFFICULT COURSES





Nature & Outdoor Learning ~

Nature, natural sounds, natural materials and natural patterns...

REDUCES STRESS LEVELS IN JUST

20s

VIEWS TO NATURE FOR 40S

LED TO FEWER MISTAKES ON FOCUSED TASKS







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REDUCES STRESS LEVELS IN JUST

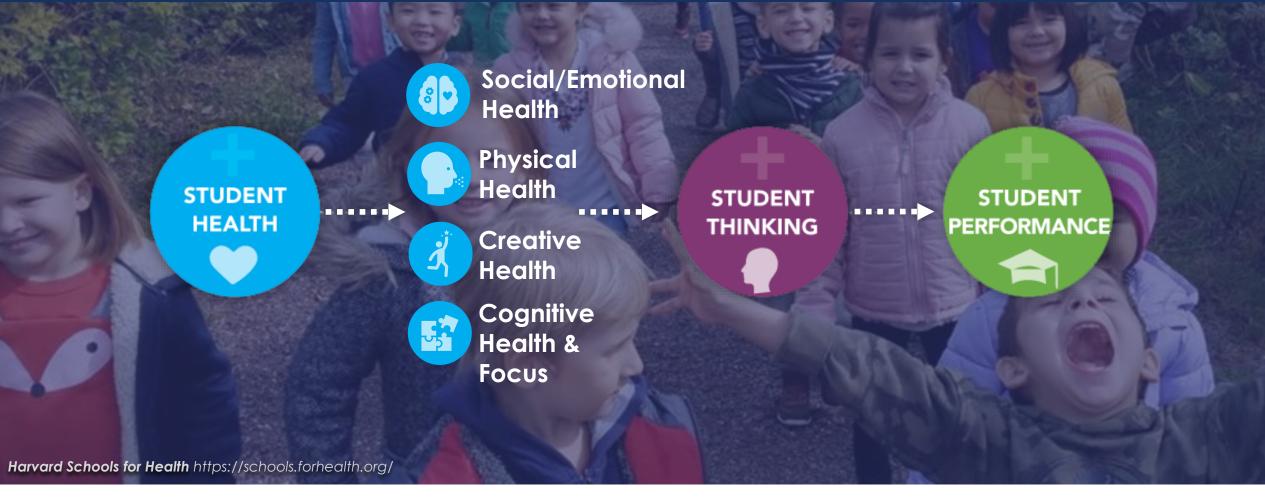
20s

VIEWS TO NATURE FOR 40S

LED TO FEWER MISTAKES ON FOCUSED TASKS







Whole Child Wellness~

WELL is for people...

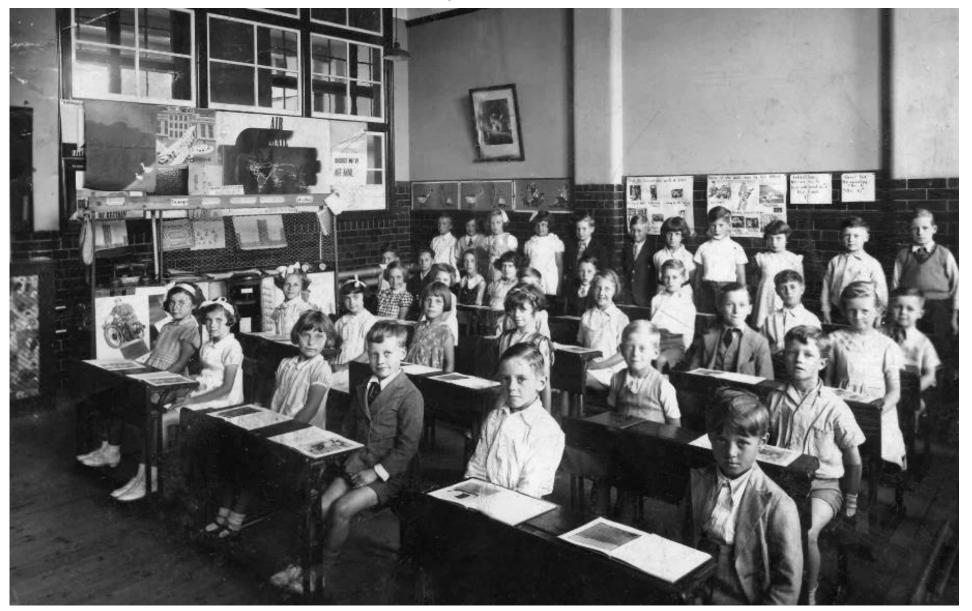
BUILDING COMPONENTS

AND THEIR EFFECTS ON

HUMAN HEALTH



21ST CENTURY LEARNING / THEN AND NOW





21ST CENTURY LEARNING ENVIRONMENTS





21ST CENTURY LEARNING / OUTDOOR ACTIVITY ZONES









21ST CENTURY LEARNING / DAYLIGHTING







21ST CENTURY LEARNING / FLEXIBLE ASSEMBLY SPACES











21ST CENTURY LEARNING / DAYLIGHTING









TRANSFORMING SPACES / CREC DISCOVERY ACADEMY- BEFORE





TRANSFORMING SPACES / CREC DISCOVERY ACADEMY- AFTER









TRANSFORMING SPACES / WILLIAM J. JOHNSTON MIDDLE SCHOOL - BEFORE





TRANSFORMING SPACES / WILLIAM J. JOHNSTON MIDDLE SCHOOL - AFTER





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TRANSFORMING SPACES / ASNUNTUCK COMMUNITY COLLEGE - BEFORE





TRANSFORMING SPACES / ASNUNTUCK COMMUNITY COLLEGE - AFTER



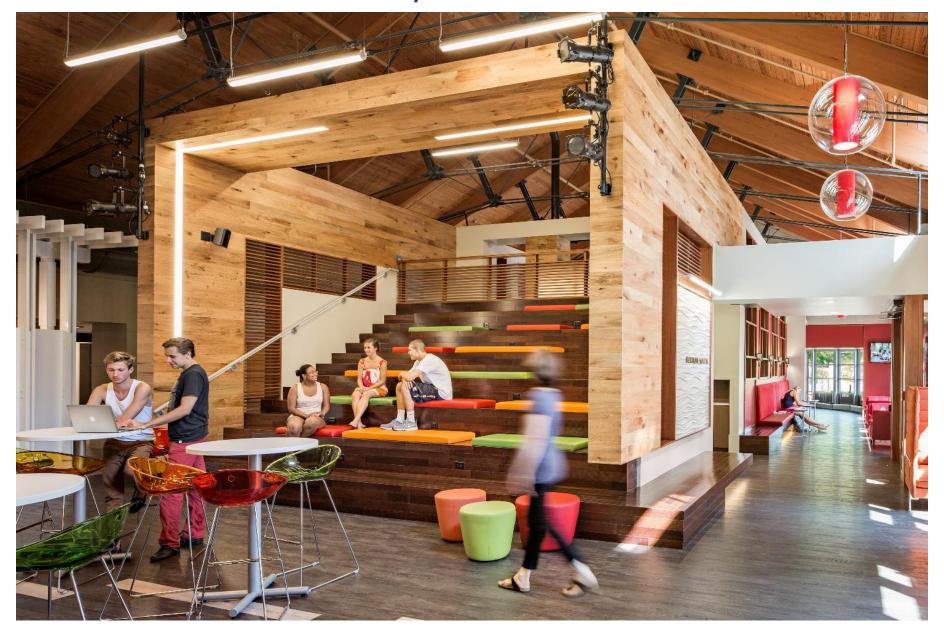


TRANSFORMING SPACES / TRINITY COLLEGE - VERNON SOCIAL CENTER - BEFORE



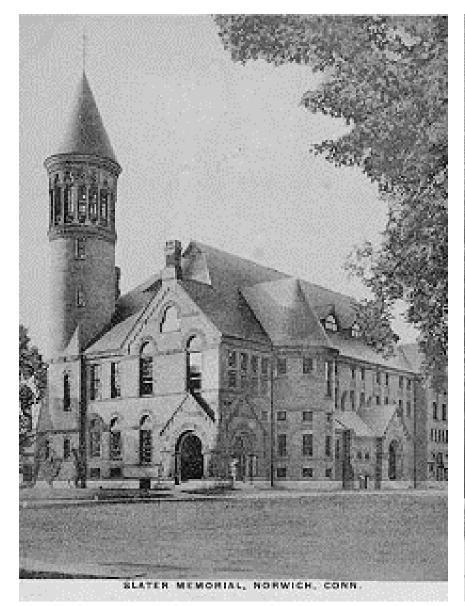


TRANSFORMING SPACES / TRINITY COLLEGE - VERNON SOCIAL CENTER - AFTER





TRANSFORMING SPACES / NORWICH FREE ACADEMY - BEFORE







TRANSFORMING SPACES / NORWICH FREE ACADEMY - AFTER



