



# **US VIRGIN ISLANDS DEPARTMENT OF EDUCATION**

**Transformations: Thru Passion and Perseverance**

October 15, 2023



5km

St Thomas

Charlotte Amalie

Red hook Bay

St John

Cruz Bay

# United States Virgin Islands

B.V.I.

Buck Island

St Croix

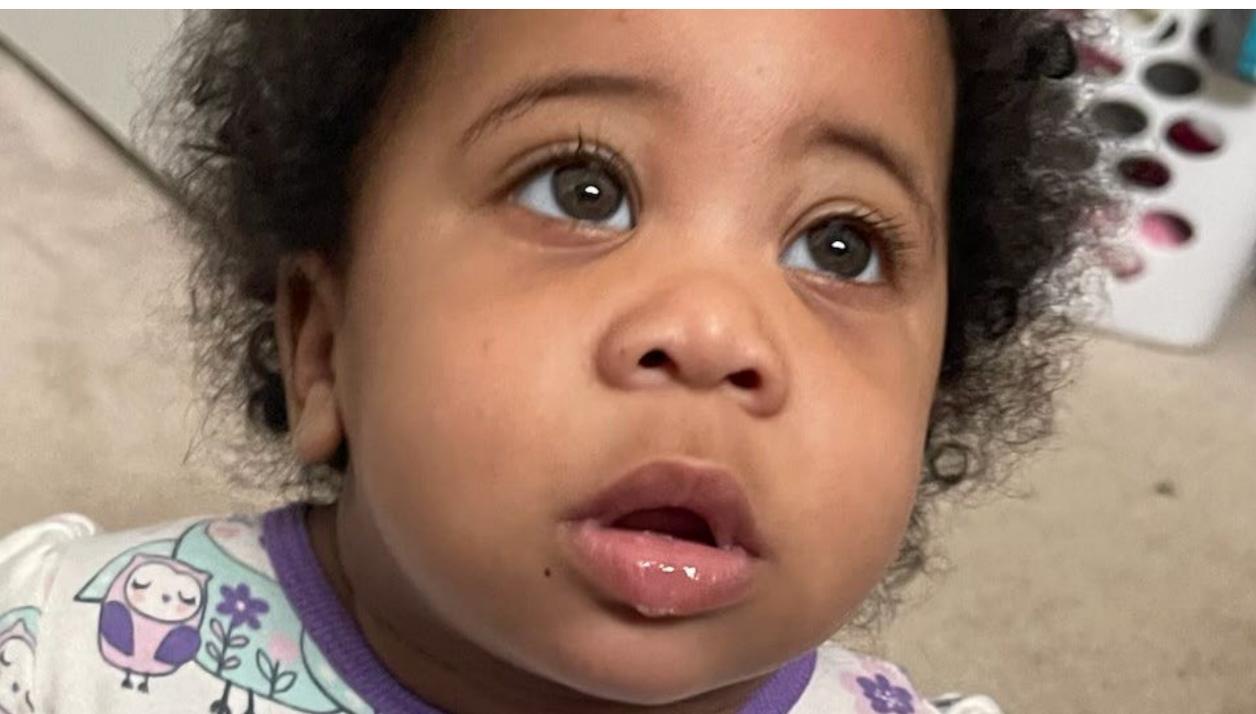
Frederiksted

Christiansted

-  National Park
-  Settlement
-  Port
-  Airport

\*Note: Map not to scale, St Croix is further south

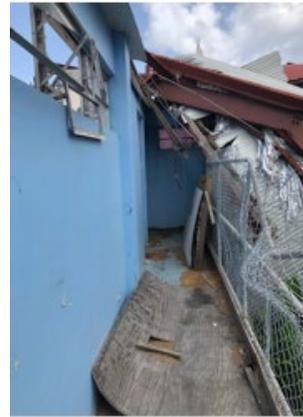
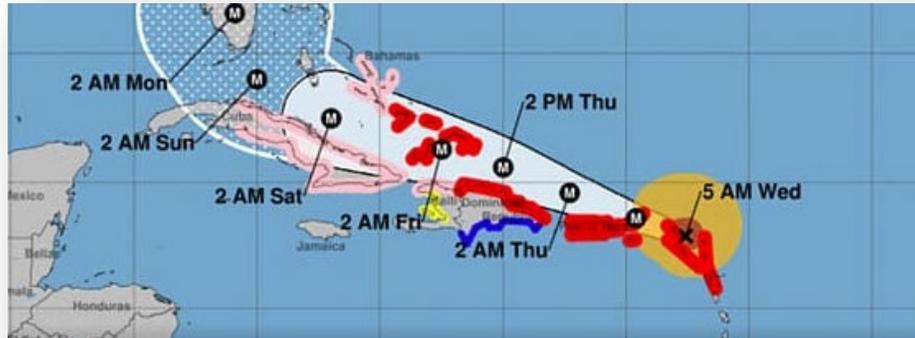




## Background

- 30 years employed at the US Virgin Islands Department of Education
- Mother of 3 beautiful children; grandmother of 5
- Reforming, Rebuilding and Rebranding Public Education in the US Virgin Islands

# Hurricanes Irma and Maria

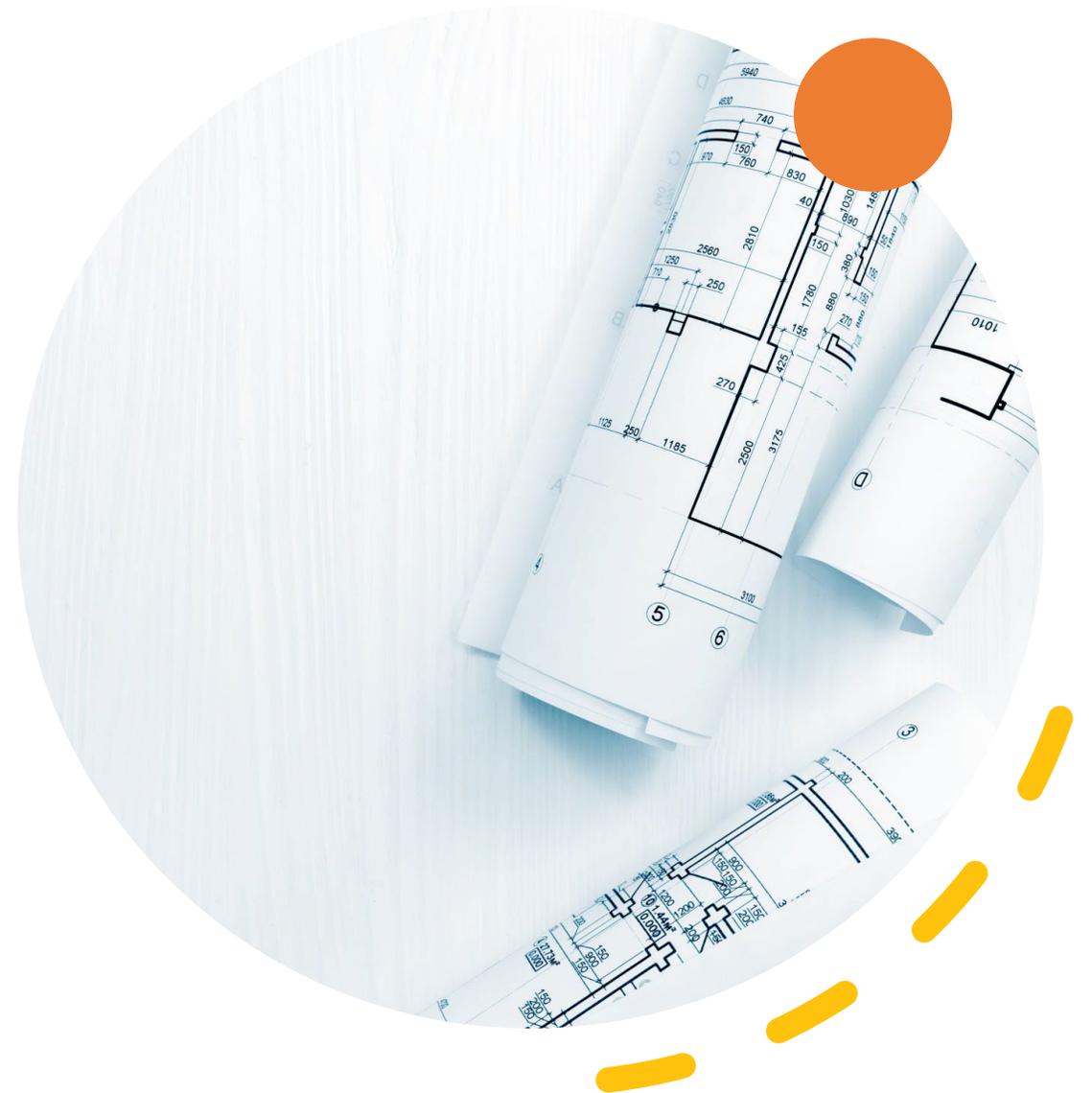


# Age of Facilities

Island	School	Floor Area	Age	Year Built
St. Croix	Alexander Henderson Elementary School	56,450	51	1971
St. Croix	Alfredo Andrews Elementary School	56,450	53	1973
St. Croix	Arthur A. Richards Junior High School	128,836	46	1977
St. Croix	Charles Emanuel Elementary School	70,562	65	1958
St. Croix	Claude O. Markoe Elementary School	91,326	65	1958
St. Croix	Elena Christian Junior High School	80,667	51	1971
St. Croix	Eulalie Rivera Elementary School	92,157	58	1965
St. Croix	Evelyn M. Williams Elementary School	69,302	51	1971
St. Croix	John H. Woodson Junior High School	125,720	42	1981
St. Croix	Juanita Gardine Elementary School	76,476	60	1963
St. Croix	Lew Muckle Elementary School	49,533	50	1970
St. Croix	Pearl B. Larsen Elementary School	84,359	43	1982
St. Croix	Positive Connections Alternative Education	12,636	179	1844
St. Croix	Ricardo Richards Elementary School	41,385	45	1976
St. Croix	St. Croix Central High School	164,803	56	1967
St. Croix	St. Croix Educational Complex High School	314,398	28	1995
St. John	Guy H. Benjamin Elementary School	10,032	48	1975
St. John	Julius E. Sprauve School	52,128	65	1955
St. Thomas	Addelita Cancryn Junior High School	113,806	57	1966
St. Thomas	Bertha C. Boschulte Middle School	115,470	20	2003
St. Thomas	Charlotte Amalie High School	192,908	65	1955
St. Thomas	E. Benjamin Oliver Elementary School	54,677	48	1975
St. Thomas	Edith L. Williams Alternative Academy	14,182	42	1981
St. Thomas	Evelyn Marcelli Elementary School	Not Assessed	106	1917
St. Thomas	Gladys A. Abraham Elementary School	53,493	53	1970
St. Thomas	Ivanna Eudora Kean High School	134,313	48	1975
St. Thomas	J. Antonio Jarvis Primary School	Not Assessed	141	1882
St. Thomas	Jane E. Tuitt Elementary School	15,488	64	1959
St. Thomas	Joseph Gomez Elementary School	61,266	53	1970
St. Thomas	Joseph Sibilly Elementary School	25,718	50	1973
St. Thomas	Leonard Dober Elementary School	18,080	85	1938
St. Thomas	Lockhart Elementary School	59,530	23	2000
St. Thomas	Ulla F. Muller Elementary School	39,682	41	1979
St. Thomas	Yvonne E. Milliner-Bowsky Elementary School	53,978	23	2000

# Steps Post Storms

- Walk throughs to determine usable space
- Timelines set for the opening of schools (double sessions)
- Army Corp of Engineers conducted assessments
- Findings presented to FEMA for funding for temporary projects
- Installation of modular campuses
- Established New School Advisory Board



# Federal Emergency Management Agency (FEMA) Process

Damaged Description Dimensions (Consultant)

Deferred maintenance assessment (Consultant)

FEMA site inspections report

Cost Estimate

Fixed Cost Offer

Obligation

# VIDE Program and Funding for Instructional Campuses

## STT/STJ DISTRICT

### NEW SCHOOLS

Sprauve PK-12  
Charlotte Amalie HS  
Sibilly PK-3  
Tuitt PK-3  
Muller PK-8 (Location TBD)  
Administration Center  
(Location TBD)

### MODERNIZATIONS

Boschulte PK-8  
Lockhart with Addition  
for Cancryn PK-8  
Kean HS  
Oliver PK-8  
Bowsky PK-8  
Wheatley Discovery Center  
Abraham Adult Ed/Skills  
Center CTECH

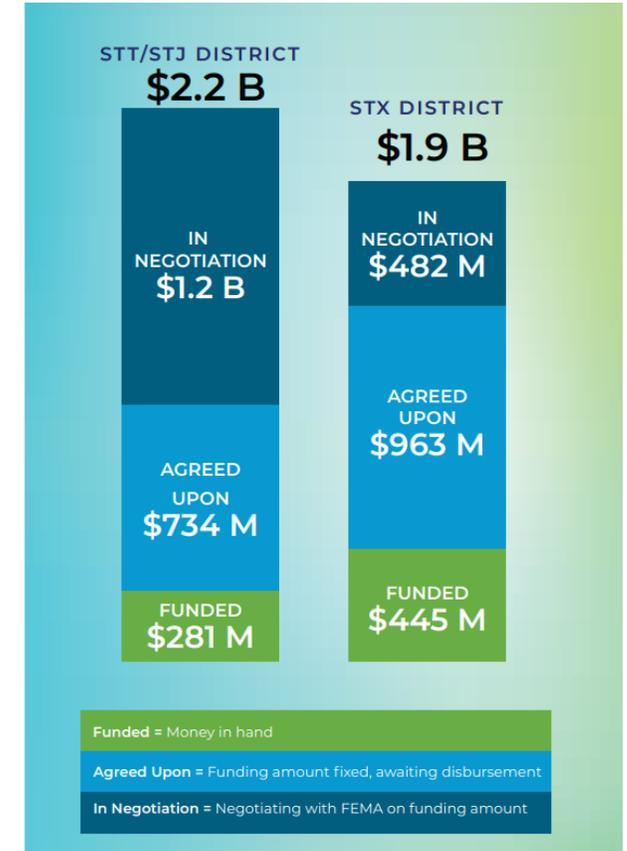
## STX DISTRICT

### NEW SCHOOLS

Arthur A. Richards PK-8 School  
at Evelyn Williams Campus  
Central HS  
Markoe PK-8  
Henderson PK-8  
Pearl B. Larsen PK-8  
Juanita Gardine PK-8  
Andrews PK-8

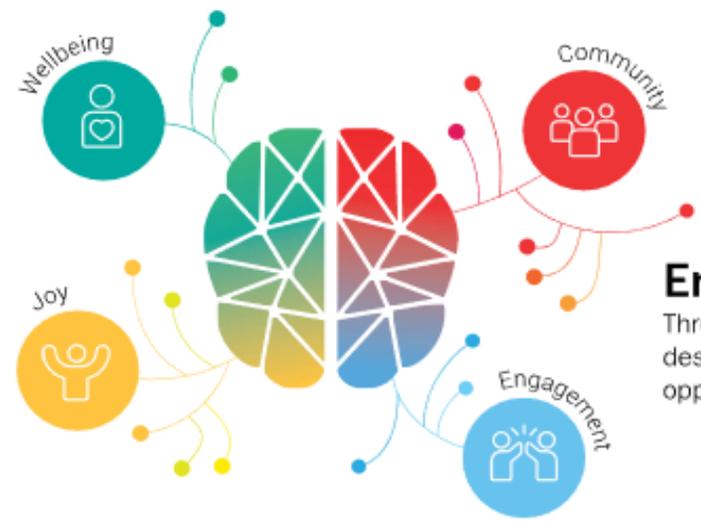
### MODERNIZATIONS

Complex/CTECH HS  
Woodson Discovery Center  
Administration Center (Location TBD)  
Alternative Ed  
Adult Ed (Location TBD)



Abundance	Fluency	Dynamism	Preparedness	Inquisitiveness	Excitement	Poise	Intuitiveness
Affluence	Focus	Expectancy	Reliability	Playfulness	Exhilaration	Presence	Inventiveness
Wealth	Introversion	Fearlessness	Resilience	Spontaneity	Extroversion	Bliss	Learning
Acceptance	Mastery	Ferocity	Self-Control	Wonder	Friendliness	Comfort	Logic
Acknowledgement	Modesty	Fierceness	Serenity	Altruism	Gregariousness	Contentment	Originality
Accessibility	Precision	Fortitude	Spirituality	Benevolence	Humor	Delight	Reason
Approachability	Resolve	Heroism	Adoration	Charity	Understanding	Ecstasy	Uniqueness
Availability	Speed	Independence	Affection	Compassion	Articulative	Elation	Economy
Cooperation	Success	Industry	Appreciation	Encouragement	Brilliance	Happiness	Frugality
Discretion	Thoughtfulness	Modesty	Attractiveness	Galvanizing	Sluggishness	Copy	Thrift
Diversity	Openness	Organization	Caution	Curiosity	Lovelessness	Caution	Experience
Helpfulness	Aggressiveness	Generosity	Generosity	Generosity	Generosity	Generosity	Expertise
Hospitality	Alertness	Self-Reliance	Decorum	Gratitude	Confidence	Directness	Knowledge
Openness	Anticipation	Adaptability	Deference	Kindness	Cunning	Duty	Leadership
Respect	Assertiveness	Adroitness	Devotion	Love	Expressiveness	Frankness	Pragmatism
Restraint	Assurance	Agility	Devoutness	Philanthropy	Exuberance	Honesty	Prudence
Accomplishment	Audacity	Awareness	Faith	Service	Insightfulness	Honesty	Realism
Accountability	Balance	Balance	Sharing	Mindfulness	Indifference	Vision	
Achievement	Austerity	Humanness	Vitality	Supremacy	Passion	Loyalty	Fairness
Ambition	Usefulness	Conformity	Vivacity	Tearfulness	Reputation	Sincerity	Fidelity
Capability	Certainty	Consistency	Wealth	Thankfulness	Fourfulness	Trust	Impartiality
Commitment	Composure	Zest	Lightness	Shrewdness	Truth	Justice	
Competency	Confidence	Diligence	Adventure	Wisdom	Stealth	Virtue	Fame
Desire	Control	Endurance	Curiosity	Amusement	Beauty	Creativity	Fashion
Determination	Conviction	Energy	Daring	Cheerfulness	Charisma	Education	Family
Direction	Courage	Flexibility	Discovery	Conviviality	Charm	Growth	Fitness
Eagerness	Decisiveness	Harmony	Dreaming	Cordiality	Dignity	Imagination	Health
Effectiveness	Discipline	Humility	Enthusiasm	Empathy	Elegance	Ingenuity	Intimacy
Efficiency	Dominance	Perseverance	Exploration	Enjoyment	Gentility	Inspiration	Freedom
Excellence	Drive	Persistence	Fun	Entertainment	Grace	Intelligence	Liberty

# what are your values?



**Empowering Learners**  
Through a forward-looking, research-informed design focus that delivers transformational opportunity and fulfillment for all.



► **Wellbeing**  
This concept is a critical component of every environment. It encapsulates social, emotional, physiological needs, and perceived sense of safety. Impacts of sustainable design, including daylighting, air quality, and thermal comfort also contribute to wellbeing, increasing energy and decreasing absenteeism.



► **Engagement**  
An internal sense of drive emerges when given opportunities to interact with our environments. Examples of this attribute may include design elements that are sensory-driven, movable, colorful, and tactile.



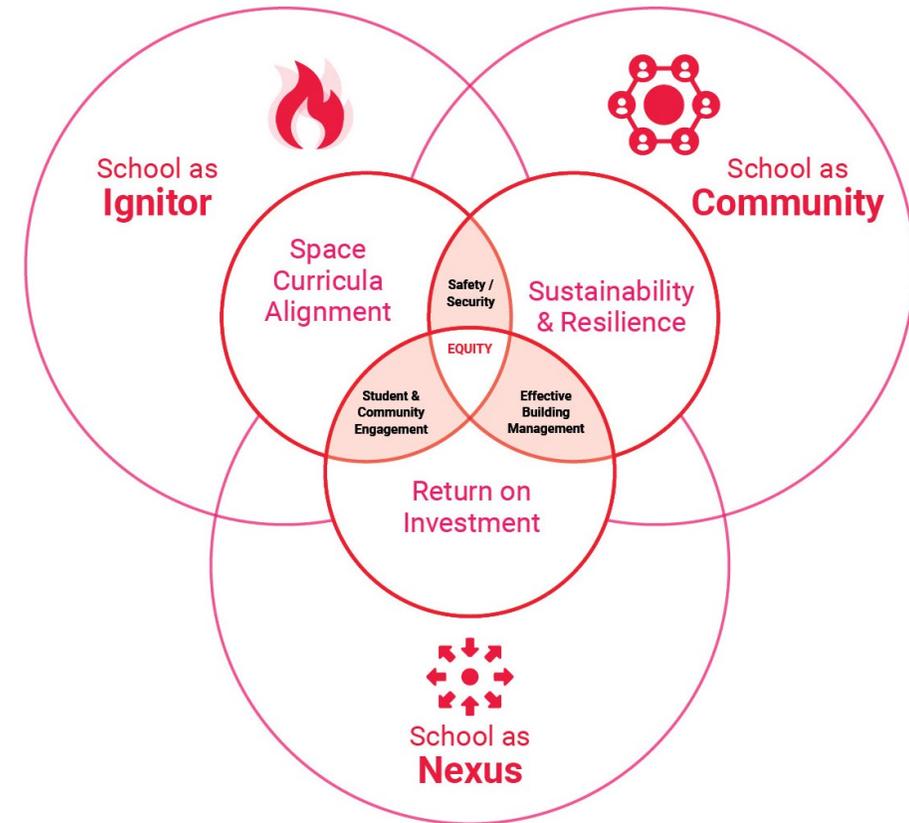
► **Community**  
Schools are a catalyst for positive change within a community. They have the ability to bridge divides, foster relationships, and create a sense of belongingness.



► **Joy**  
This intangible is what we work towards. Happiness when entering the school. Finding whimsy, humor, and play all around. Our aim is to create joy for all users, both young and old.

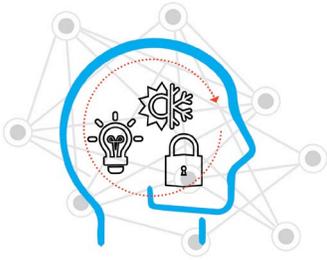
# VIDE Guiding Principles Balanced with a New Framework for Education

-  **Whole Child**
-  **Equity**
-  **Addressing the Needs of All Students & Integrating Technology**
-  **Using Technology to Assess the Impact of Practices**
-  **Health, Safety & Security**
-  **Cultural, Local & Economic Competence and Resilience**
-  **Integrated Design, Assessment, Operation & Management**



*“The Virgin Islands Department of Education is transforming today’s learner into tomorrow’s leaders.”*

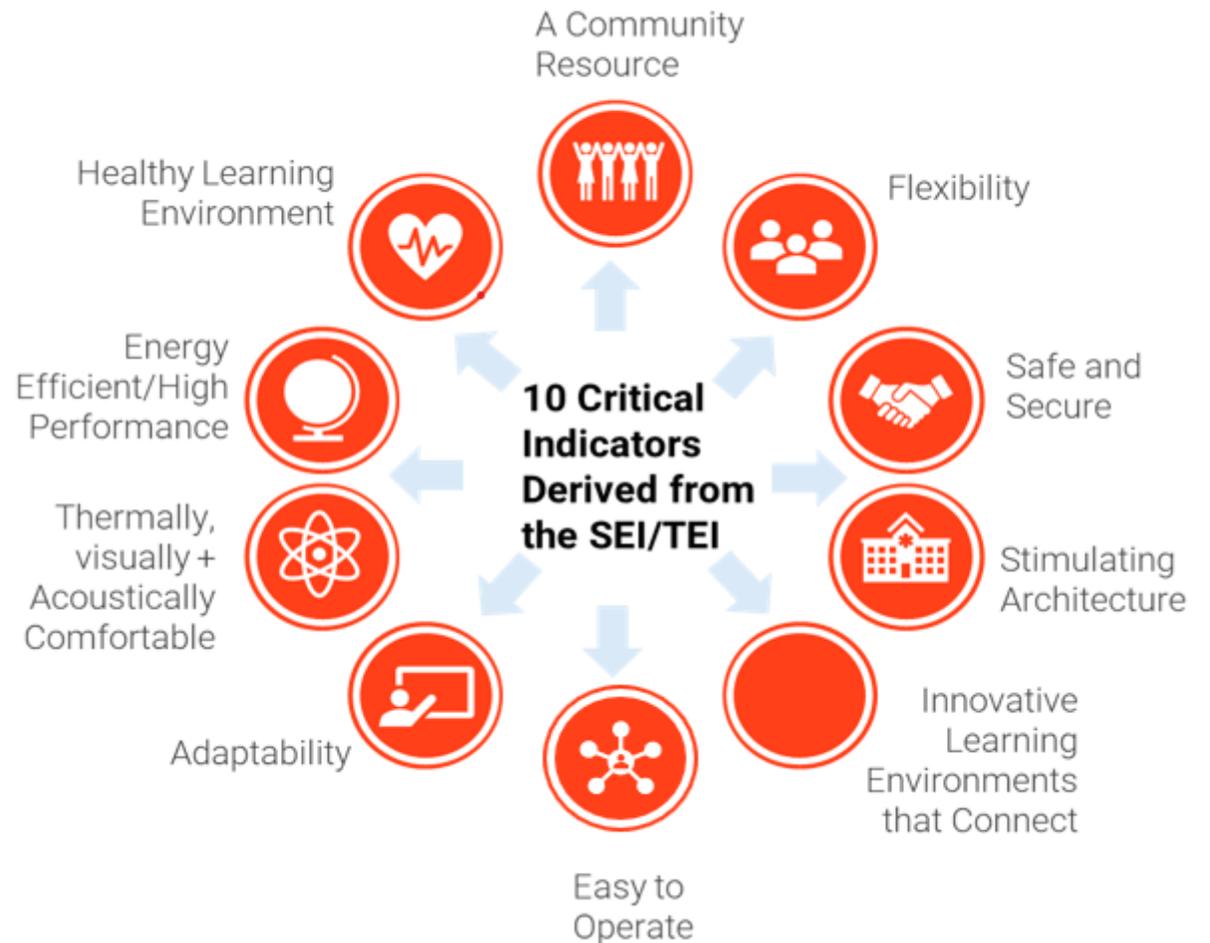
*VIDE Vision Statement*



# Can we demonstrate that the design of the built environment for grades 9-12 impacts student academic engagement levels?



In January 2020, 25 schools across St. Croix, St. Thomas and St. John were toured. These visits allowed the opportunity to see the campuses in operation, and to meet with the principals and vice principals to get a better understanding of the needs of each school.



# Teaching & Learning in the VI An Inquiry Based Curriculum



TEACHING  
**IB** INQUIRY-BASED TEACHING

**IB** INQUIRY-BASED TEACHING

*(Project/problem-based, Challenge Based, Play-based, STEM, Design Thinking, etc.)*

A dynamic form of active learning that begins with inquiry, problems, or scenarios. Students then identify, investigate, and research issues and respond to challenges or complex problems.

DLR Group  
LEARNING connections flashcards

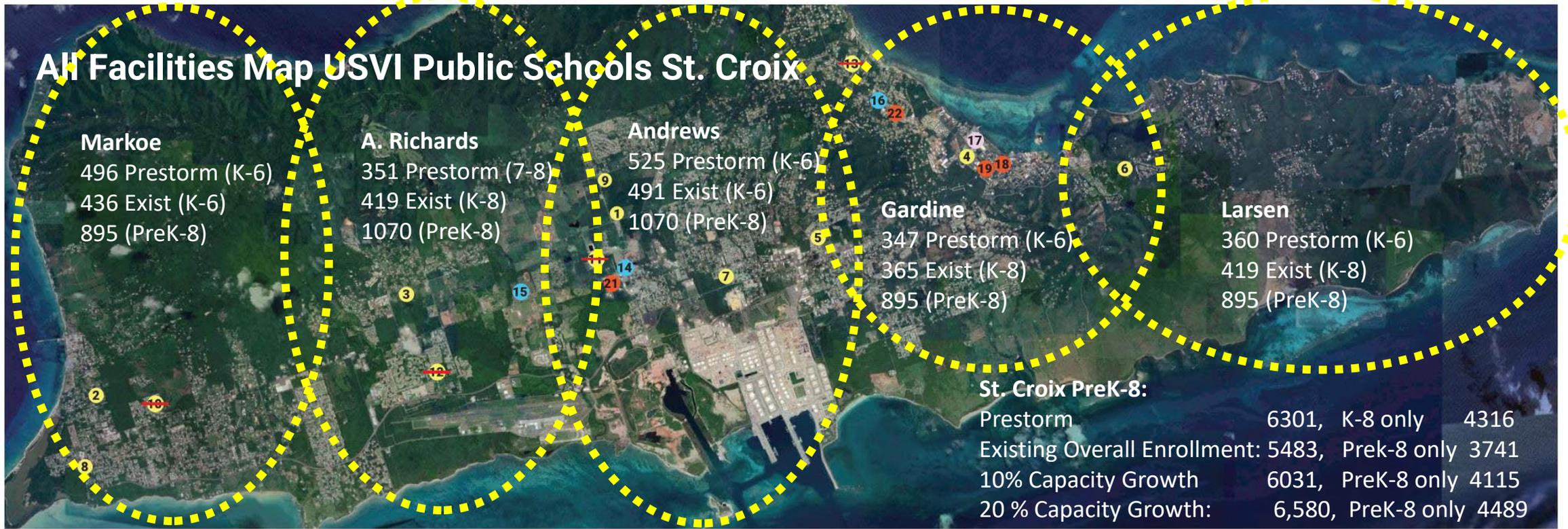


# Learning Spaces

- “It was widely perceived that the teaching and learning taking place in (these) flexible spaces had a positive impact on the social and emotional wellbeing of teachers and students,” the researchers wrote ([Kariippanon et al., 2018](#)).
- Transformation of Learning Spaces in VIDE
  - Flexible furniture
  - Acoustics
  - Lighting
  - Floor to ceiling white boards
  - Moveable walls
  - Mobile digital smartboards
  - Outdoor Learning
  - Culturally relevant campus designs



# All Facilities Map USVI Public Schools St. Croix



Elementary / Middle Schools			3,741	4,825
School	Current Configuration	Proposed Configuration	Current Enrollment	Projected Capacity
1. Alfredo Andrews Elementary School**	K-6	PreK-8	491	1,070
2. Claude O. Markoe Elementary School	PreK-6	PreK-8	436	895
3. Eulalie Rivera Elementary School	K-8	Site of Opportunity	398	N/A
4. Juanita Gardine Elementary School	K-8	PreK-8	365	895
5. Lew Muckle Elementary School	K-6	Site of Opportunity	333	N/A
6. Pearl B. Larsen Elementary School	PreK-8	PreK-8	419	895
7. Ricardo Richards Elementary School	K-6	Site of Opportunity	439	N/A
8. Arthur A. Richards Junior High School** <small>Located at Evelyn M. Williams Site</small>	7-8	PreK-8	490	1,070
9. John H. Woodson Junior High School	7-8	Discovery Center	370	N/A
10. Alexander Henderson Elementary School	Closed	Closed	N/A	N/A
11. Charles Emanuel Elementary School	Closed	Closed	N/A	N/A
12. Evelyn M. Williams Elementary School	Closed	Closed	N/A	N/A
13. Elena L. Christian Junior High School	Closed	Closed	N/A	N/A

## Key

\*\* New Build

- Currently Closed

High Schools			1,742	2,100
School	Current Configuration	Proposed Configuration	Current Enrollment	Projected Capacity
14. St. Croix Central High School**	9-12	9-12	823	600
15. St. Croix Educational Complex High School	9-12	9-12	919	1,500
16. Positive Connections Alternative Education	7-12	7-12	Varies	Varies

## Adult ED

School	Current Configuration	Proposed Configuration	Current Enrollment	Projected Capacity
17. St. Croix Adult Education Center	Adult ED / CTE	???	40	???

## Support Buildings

18. VIDE Headquarters	- services moving to Lew Muckle	- current site used as historical education
19. Procurement Warehouse	- existing location to remain	
20. School Lunch Warehouse	- existing location to remain	
21. Curriculum Center	- services moving to Lew Muckle	- identified as site of opportunity
22. Special Ed and Maintenance	- existing location to remain	

# All Facilities Map USVI Public Schools St. Thomas

## Muller

449 Prestorm (K-6)  
464 Exist (K-6)  
1070 (PreK-8)

## Sibilly

252 Prestorm (K-5)  
226 Exist (K-5) +  
132 (PreK-3)

## Bowsky

397 Prestorm (K-6)  
390 Exist (K-5)  
895 (PreK-8)

## Tuitt

175 Prestorm (K-3)  
237 Exist (K-5)  
132 (PreK-3)

## Lockhart/Cancryn

1217 Prestorm (K-8)  
1115 Exist (K-8)  
895 (PreK-8)

## Boschulte

537 Prestorm (6-8)  
566 Exist (6-8)  
895 (PreK-8)

## St. Tomas/St. John:

Prestorm 6893, K-8 STT only 4433  
Existing Overall Enrollment: 5443, PreK-8 STT only 3526  
10% Growth 5935, PreK-8 STT only 3878  
20 % Growth: 6429, PreK-8 STT only 4231+

1070 (PreK-8) Future

### Elementary / Middle Schools

3,278 3,870

School	Current Configuration	Proposed Configuration	Current Enrollment	Projected Capacity
1. Jane E. Tuitt Elementary School	K-5	PreK-3	226	132
2. Joseph Gomez Elementary School	K-5	Site of Opportunity	528	N/A
3. Joseph Sibilly Elementary School	K-6	PreK-3	237	132
4. Ulla F. Muller Elementary School**	K-6	PreK-8	464	1,070
5. Yvonne E. Milliner-Bowsky Elementary School	K-5	PreK-8	390	895
6. Bertha C. Boschulte Middle School	6-8	PreK-8	566	720
7. Lockhart Elementary School <small>Students currently in modulars on site</small>	6-8	PreK-8	359	720
8. Addelita Cancryn Junior High School <small>Students currently in Lockhart building</small>	Closed	Close	756	N/A

### High Schools

1,705 1,950

School	Current Configuration	Proposed Configuration	Current Enrollment	Projected Capacity
9. Charotee Amalie High School**	9-12	9-12	1,019	1,350
10. Ivanna Eudora Kean High School	9-12	9-12	686	600

### Adult Ed

School	Current Configuration	Proposed Configuration	Current Enrollment	Projected Capacity
11. Edith L. Williams Alternative Academy	Closed	N/A	Closed	N/A
12. Wheatley Skills Center	CTE	Discovery Center	160	???
13. Gladys A. Abraham Elementary School	Closed	CTE	N/A	??

### Support Buildings

- 14. VIDE Headquarters - services moving to Gomez - existing location for special training
- 15. School Lunch/Procurement Warehouse - services moving to Cancryn - existing location to be demolished
- 16. Marcelli Annex - existing services to remain (non-profit organization/after school programs)
- 17. Curriculum Center - services moving to Gomez - existing location to be demolished
- 18. Leonard Dober Elementary School - current school is closed - to be used as cultural center
- 19. E. Benjamin Oliver Elementary School - current school is closed - identified as a site of opportunity
- 20. Jarvis Annex - identified as site of opportunity

### Key

\*\* - New Build

 - Currently Closed



# Arthur Richards Junior High School

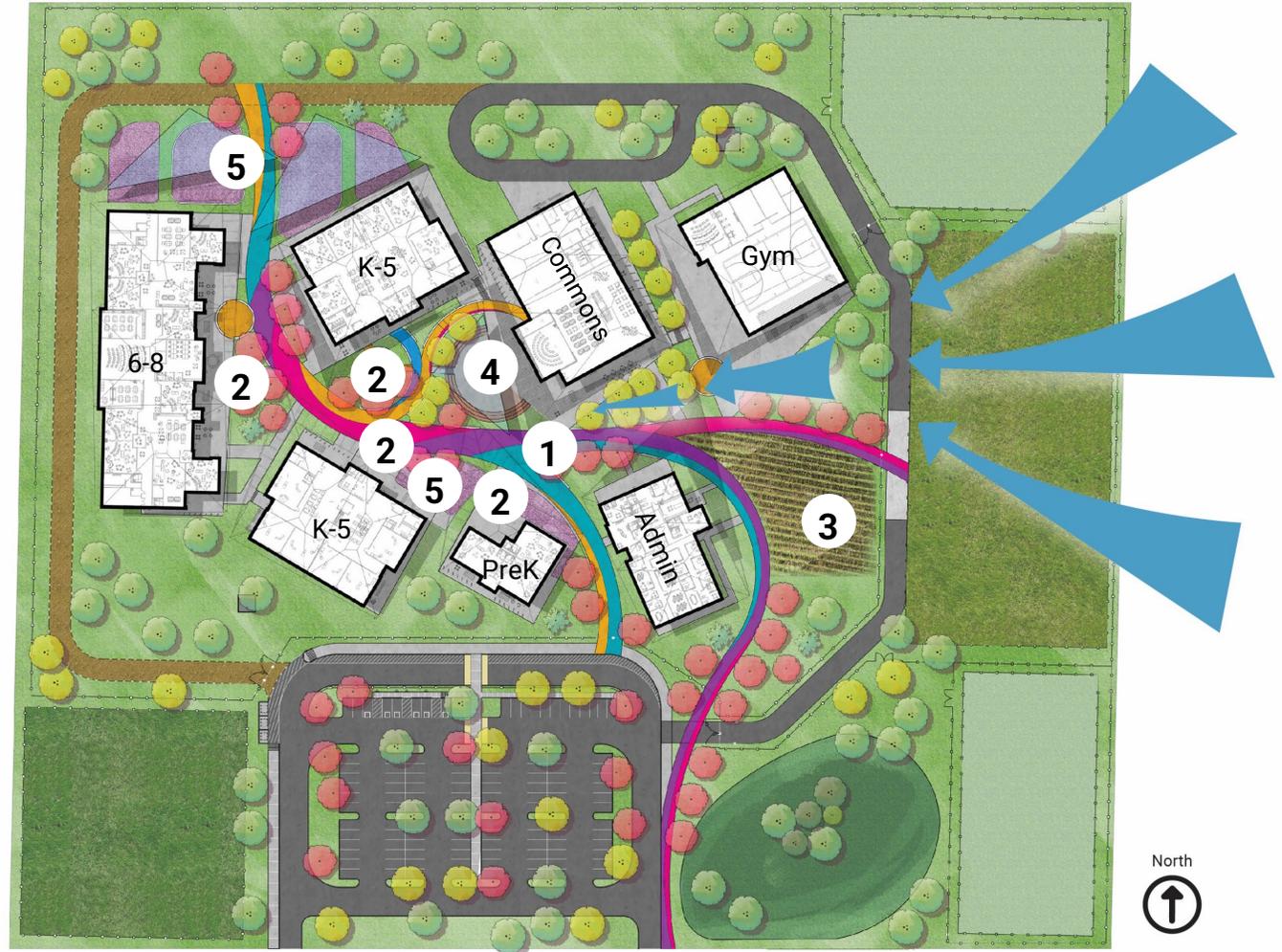
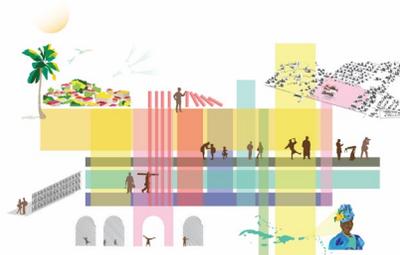
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**Site: Outdoor Learning**

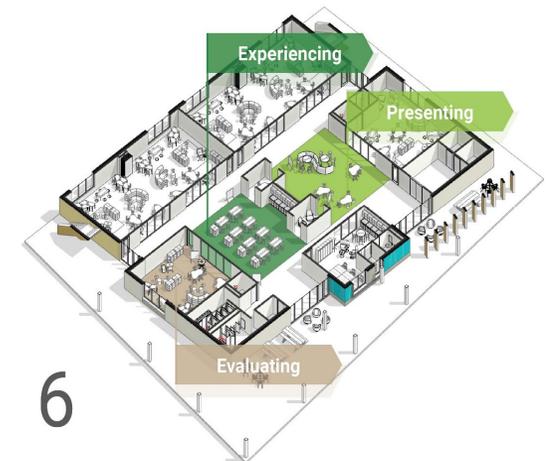
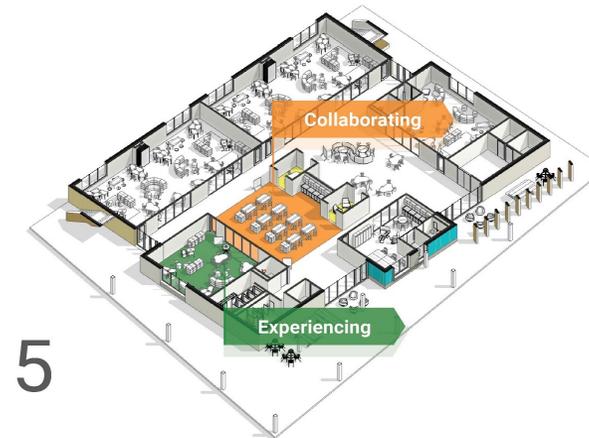
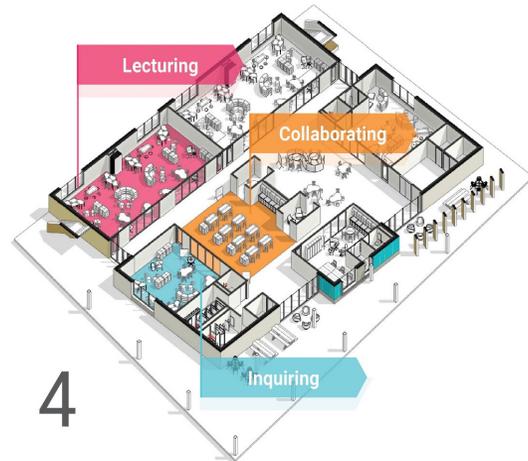
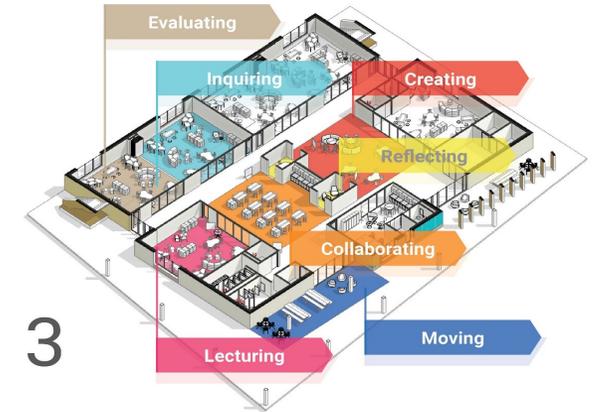
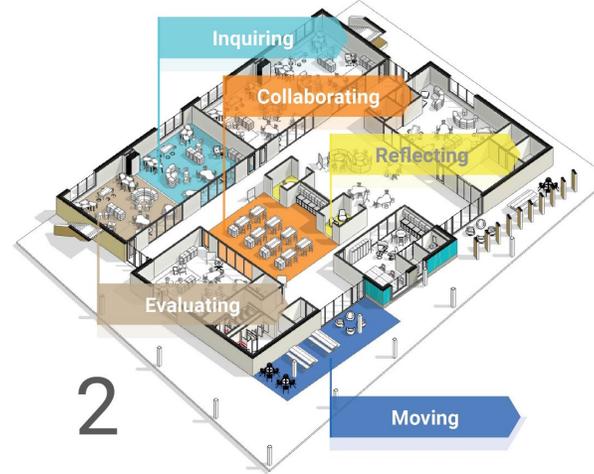
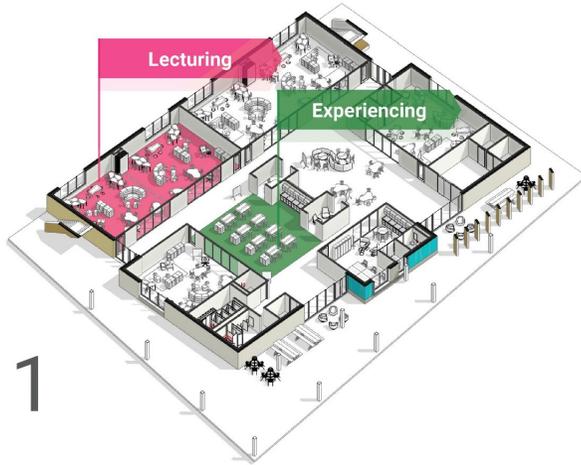
Rooted in its place  
and studied through the  
user experience.

- 1 Tapestry Walk
- 2 Outdoor Learning Classrooms
- 3 Permaculture Gardens
- 4 Amphitheater/Community Asset
- 5 Outdoor Play



# DESIGN SOLUTIONS

applying a framework for curricula

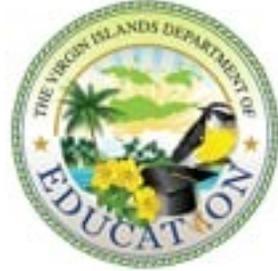












THE VIRGIN ISLANDS DEPARTMENT OF  
**EDUCATION**

ARTHUR A. RICHARDS PRE K-8



Charlotte  
Amalie High  
School



Charlotte Amalie High School  
Photograph by John M. Galt

# Charlotte Amalie High School

St. Thomas



# CONCEPT

*focusing on culture and context*

## Celebrating the Virgin Islands : The Carnival

**"A periodic of public revelry [...] involving processions, music, dancing and the use of masquerade."**

-VInow History of Carnival in the U.S. Virgin Islands

The carnival celebrations are an integral aspect of the Caribbean and U.S. Virgin Islands culture that have been adapted and reinterpreted over the years. This bright, exciting gathering of the community has a magical ability to bring people together and facets of these festivals begin to merge into the everyday culture of the island.

This strong cultural element can then be woven into the overall design of CAHS. Weaving in a playful and inquisitive aspect that can provide space for gathering, observing and enjoying will begin to engage all visitors and students of the campus. This will be the main travel progression through the campus and will infiltrate into the interiors of each building.



# SITE DESIGN

*creating a unified campus with collaboration spaces inside and outside*

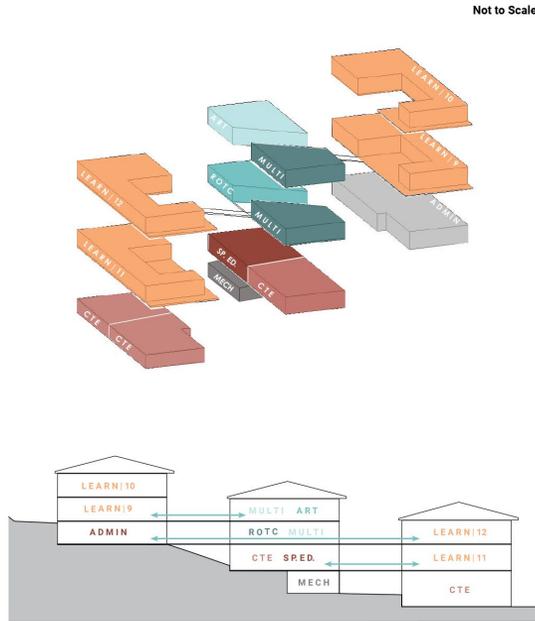


# DESIGN SOLUTIONS

leveraging the sloped site

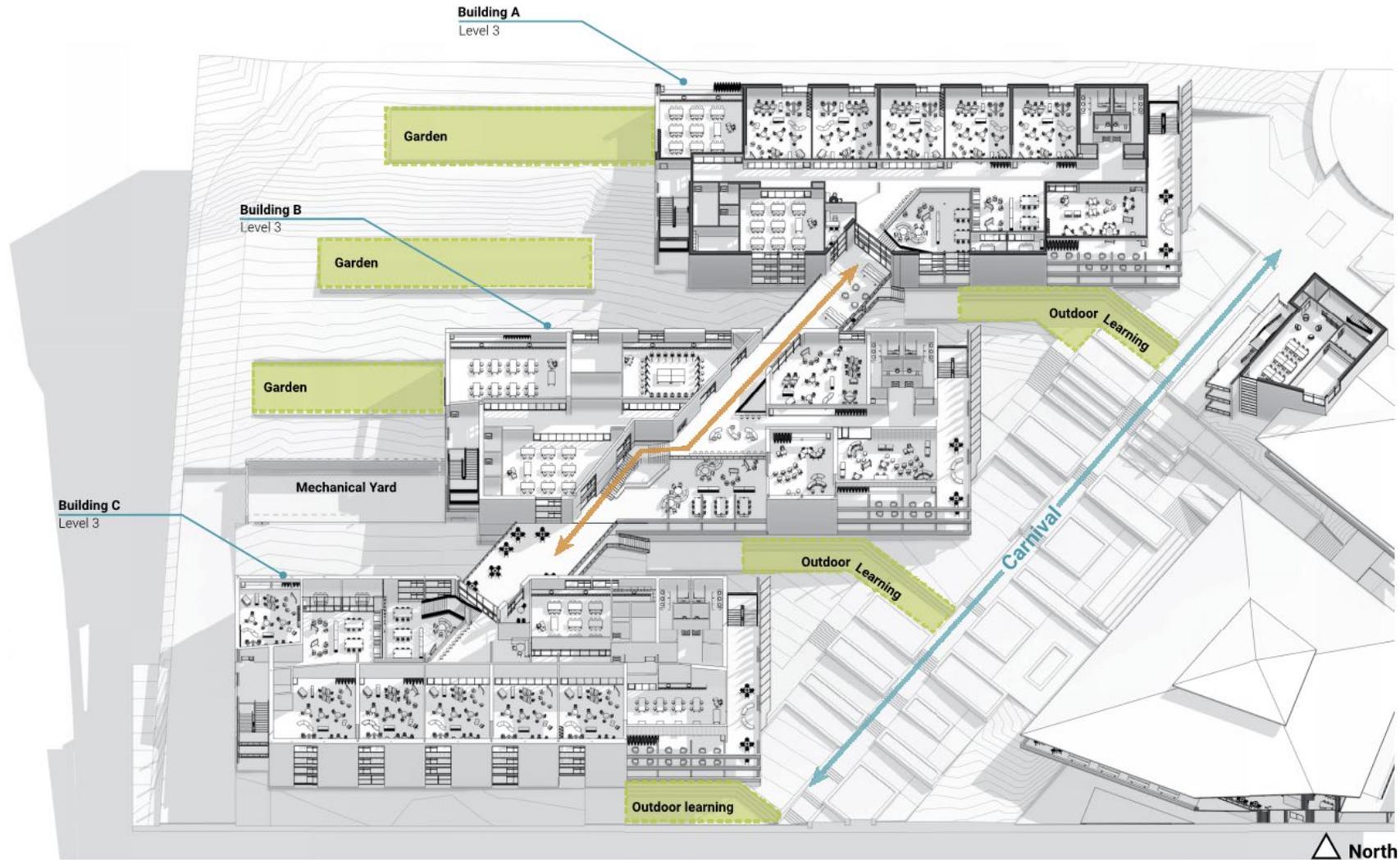
Academic Forts

## Academic Forts Overview



# DESIGN SOLUTIONS

*small learning communities that connect*









# Charlotte Amalie High School



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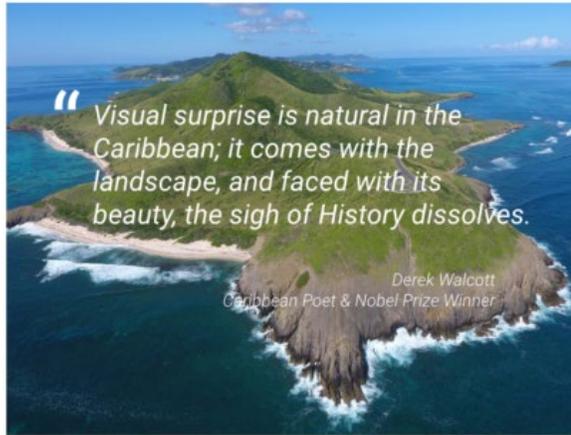
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CHARLOTTE AMALIE HIGH SCHOOL



# Julius E. Sprauve Campus PreK-12

St. John





# UNPRECEDENTED SOLUTIONS

*a land swap that collaborate with the national park system*



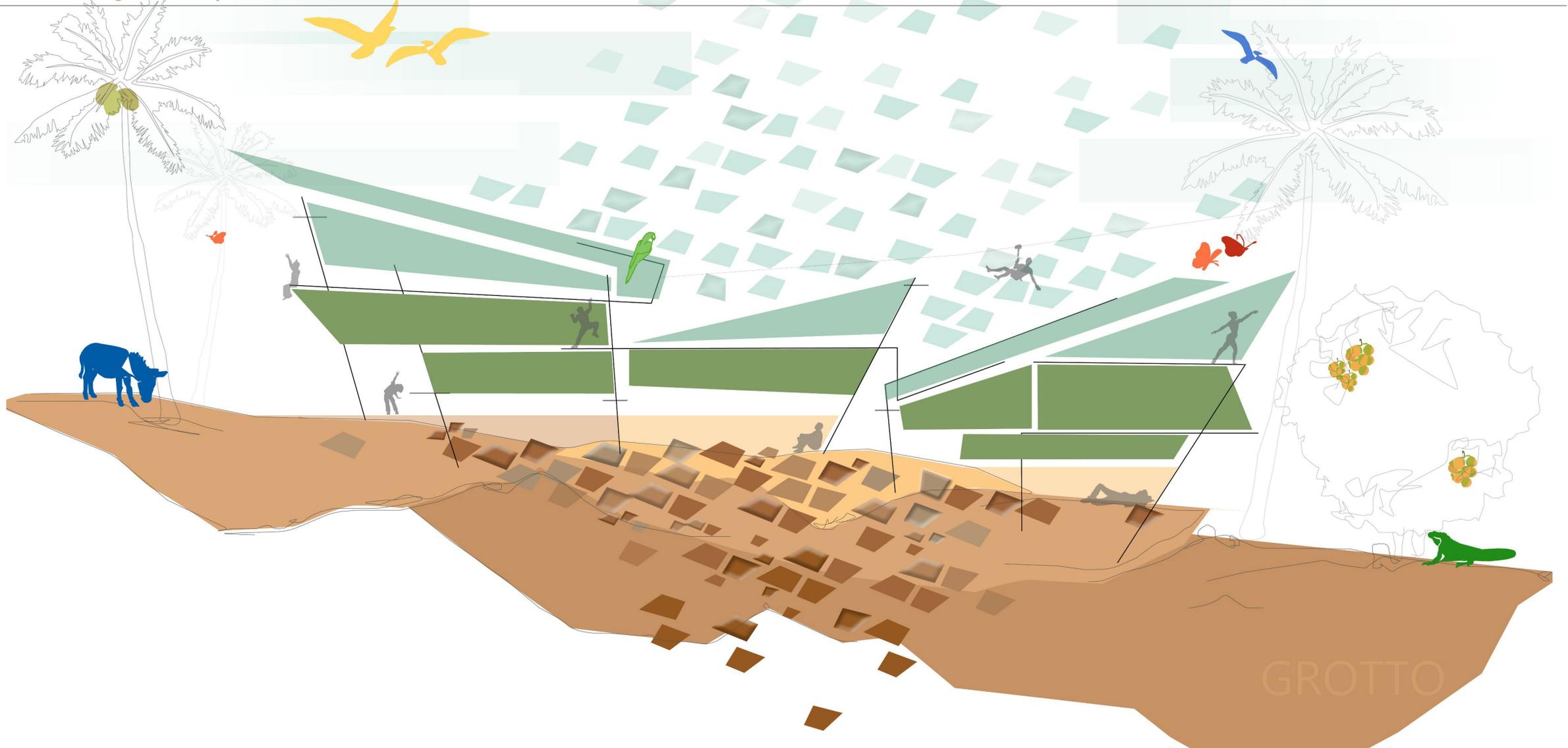
LAND SWAP WITH U.S. VIRGIN ISLANDS NATIONAL PARK

## Understory

# CONCEPT

*celebrating the slope*

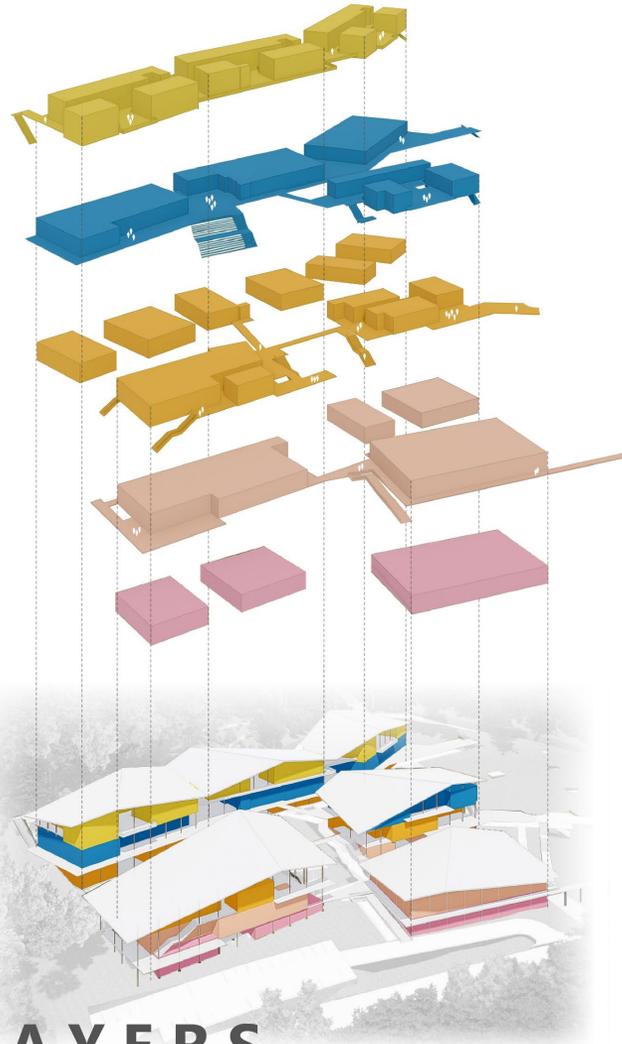
ALTANA



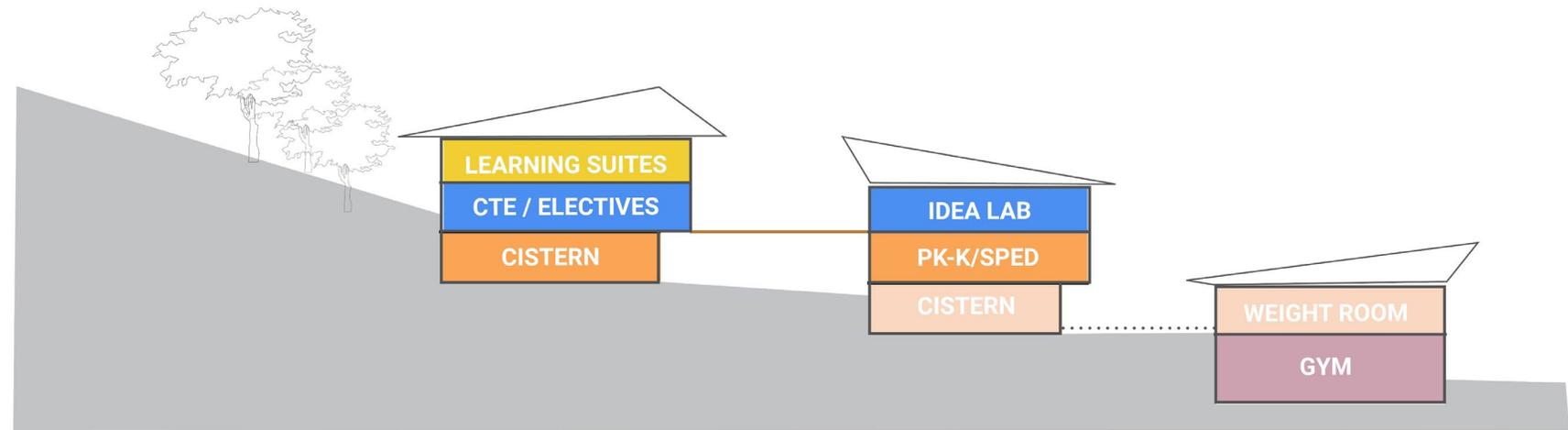
GROTTO

# DESIGN SOLUTIONS

*vertical site adjacencies*



**L A Y E R S**



**P R O G R A M | S E C T I O N**









## Julius E. Sprauve Campus PreK-12





*The Virgin Islands Department of Education embraces ALL students and empowers them to achieve their fullest potential.*



THE VIRGIN ISLANDS DEPARTMENT OF  
**EDUCATION**

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thank  
you