School District of Philadelphia
BFHS/SLA Campus
Thursday, October 12, 2017

Campus Planning Team _01

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Agenda

1. Introductions
2. Project Overview
3. Campus Planning Team (CPT) Charge
4. Review of Previous Meetings
5. Issue Identification / CPT Input
6. Future Student Engagement Activities

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1 Introductions…

CAMILO BEARMAN
BILL BRADLEY
JENNIFER GRAFTON
SCOTT SULLIVAN
MICHAEL THOMPSON

STANTEC AT A GLANCE

WHO WE ARE

Kate Gilliam Collegiate Academy, Texas

1954
FOUNDED

100+
AWARDS SINCE 2009

#1
MID-ATLANTIC TOP DESIGN FIRM – EDUCATION
ENR 2017

#1
K-12 ARCHITECTURE FIRM
BD+C July 2017

#1
A/E FIRM
BD+C July 2017

2-Time
MACCONNELL AWARD WINNER

STANTEC AT A GLANCE

WHAT WE DO

- ✓ Elementary Schools
- ✓ Middle Schools
- ✓ **High Schools**
- ✓ STEM Academies
- ✓ Research Laboratories
- ✓ Augmented and Virtual Reality Learning Suites
- ✓ Schools of Education
- ✓ Administration Facilities
- ✓ Sports and Recreation
- ✓ **Libraries and Media Centers**

Stafford County High School, Virginia

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WHO
ARE
YOU

2 Project Overview

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SDP Project Goals

- **Co-locate two high school programs** in an equitable manner, optimizing opportunities for collaboration, increased communication, and maximizing common spaces
- Interior upgrades that **foster collaborative, student-centered learning**
- Replace or **improve building systems** that have exceeded their useful life

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Project Scope

So what exactly are we doing?

SYSTEMS RELATED

- Building envelope
- Window replacements
- Interiors
- Electrical and IT
- Mechanical
- Environmental
- Elevator and vertical circulation
- accessibility

EDUCATION RELATED

- Interiors
- Science labs
- Library
- Career and tech programs
- Collaborative areas
- Campus commons

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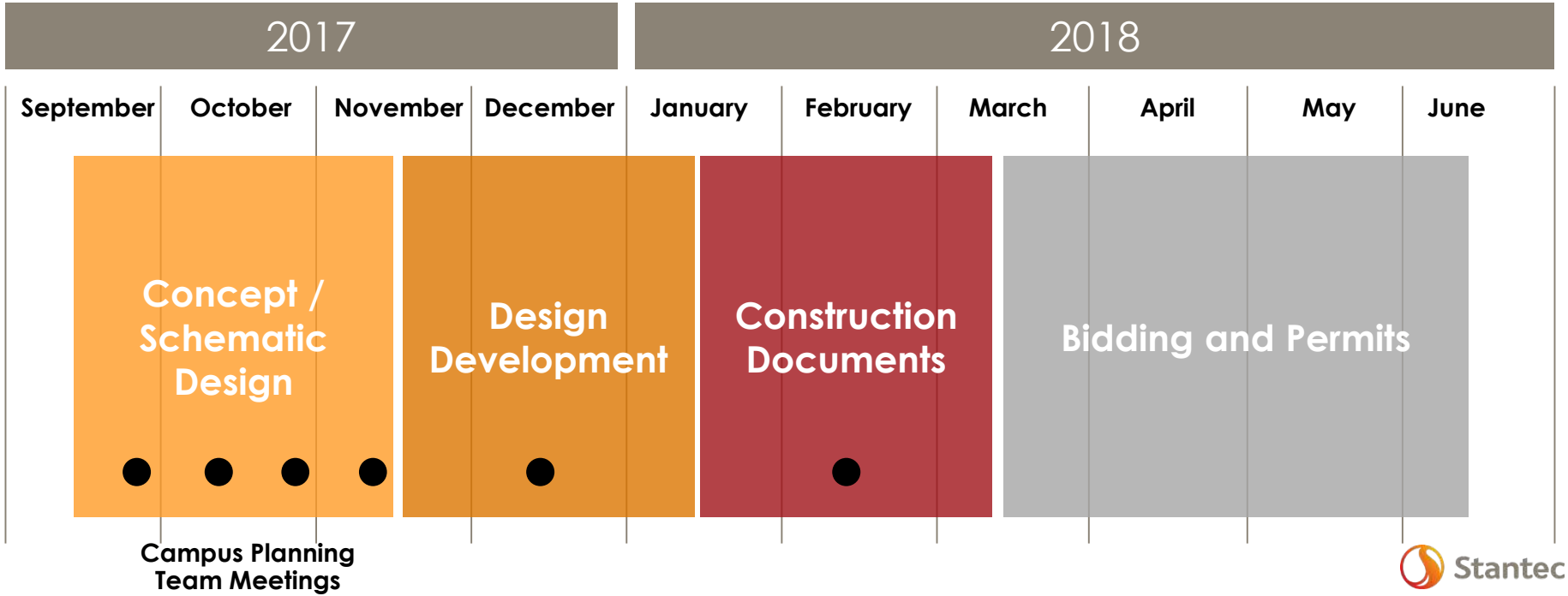
Project Schedule

And by when?



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3 Campus Planning Team

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Campus Planning Team (CPT)

What is your charge?

- Represent on behalf of your peer group(s)
- Provide input and feedback from your perspective
- Determine how best to leverage colocation opportunities
- Establish priorities and draft principles to guide decisions henceforth
- Advocate on behalf of the project with your peer group(s)

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4 What's happened so far?

Sept 25: Design Team Kickoff Meeting

Oct 5+6: Student Shadowing and Charrette

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Design Team Kickoff Meeting

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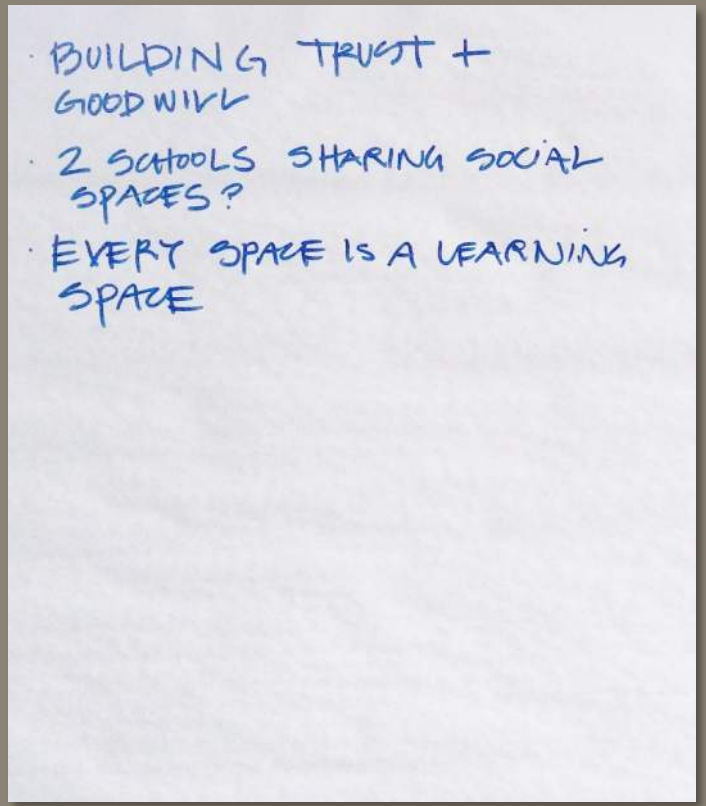
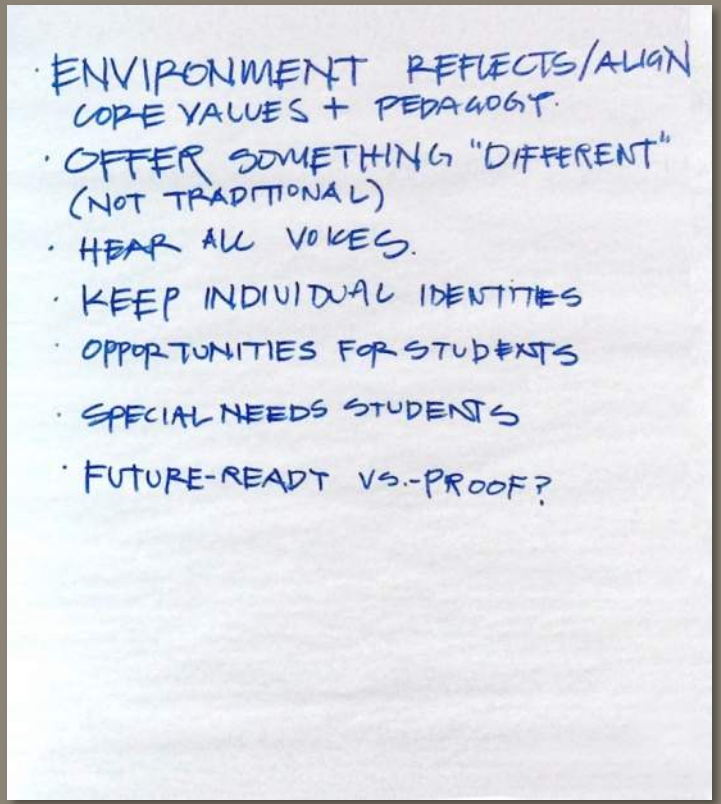
What's on your mind?





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Success Factors

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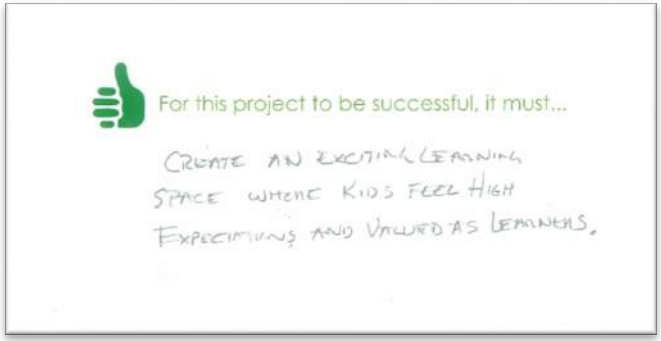
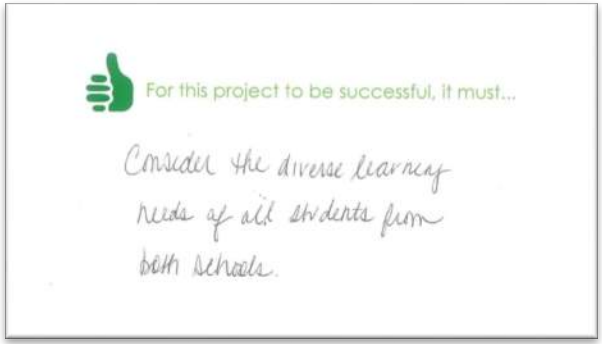
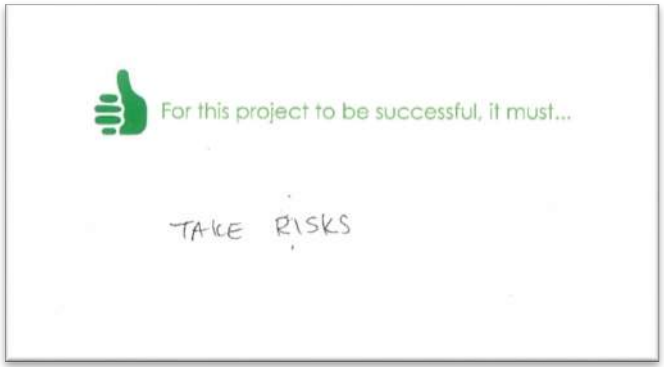
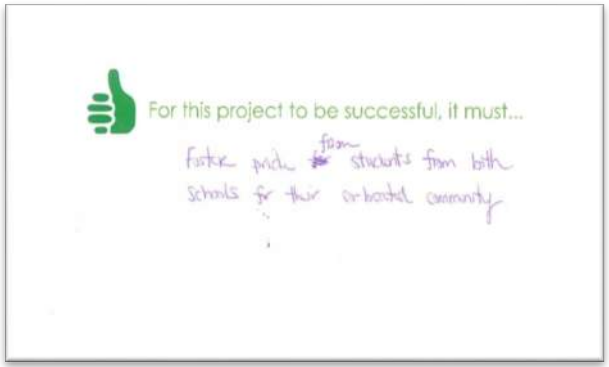
Must…and must nots









Musts and Must nots

Maintain the unique identities of each school preserving what makes each special

Capitalize on co-location opportunity to leverage synergies and foster new pride

Foster an ongoing dialogue

Upgrade existing facility conditions

Be completed on time and within budget

Create inequity or unresolved conflict

Miss the opportunities to affect positive change

Exclude input

Get it wrong

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Student Shadowing

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Student Charrette


What's your learning style?

How does your brain work?

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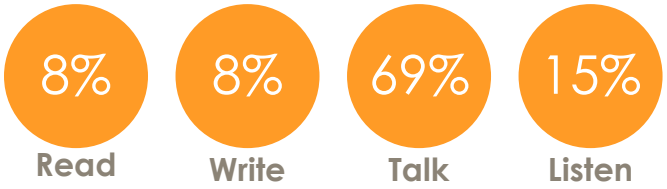
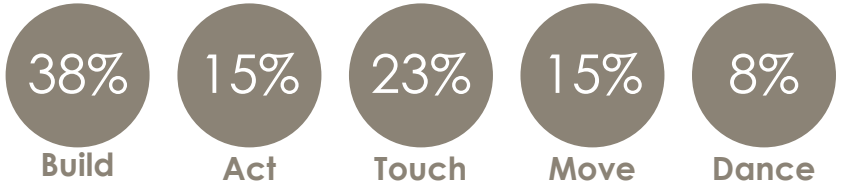
Results

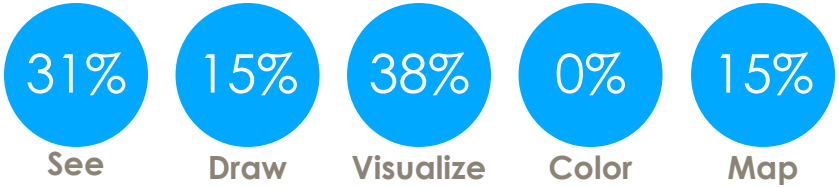
Linguistic



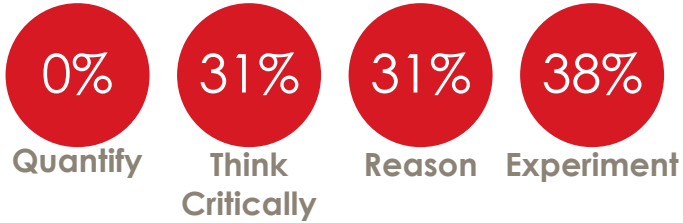
Bodily-Kinesthetic



Visual-Spatial



Logical-Mathematical



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Results

Musical

- 23% Sing
- 23% Rap
- 15% Drum
- 38% Play

Interpersonal

- 15% Share
- 8% Teach
- 23% Collaborate
- 54% Interact

Intrapersonal

- 38% Connect to Self
- 15% Make Authentic Choices
- 23% Reflection

Naturalist

- 23% Experience
- 15% Connect to Living Things
- 8% Care for
- 54% Explore

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What do you prefer?

If you are reading a book…

Light	VS	Dark
Food		No Food
Noise		Quiet
People		Alone
Open		Closed

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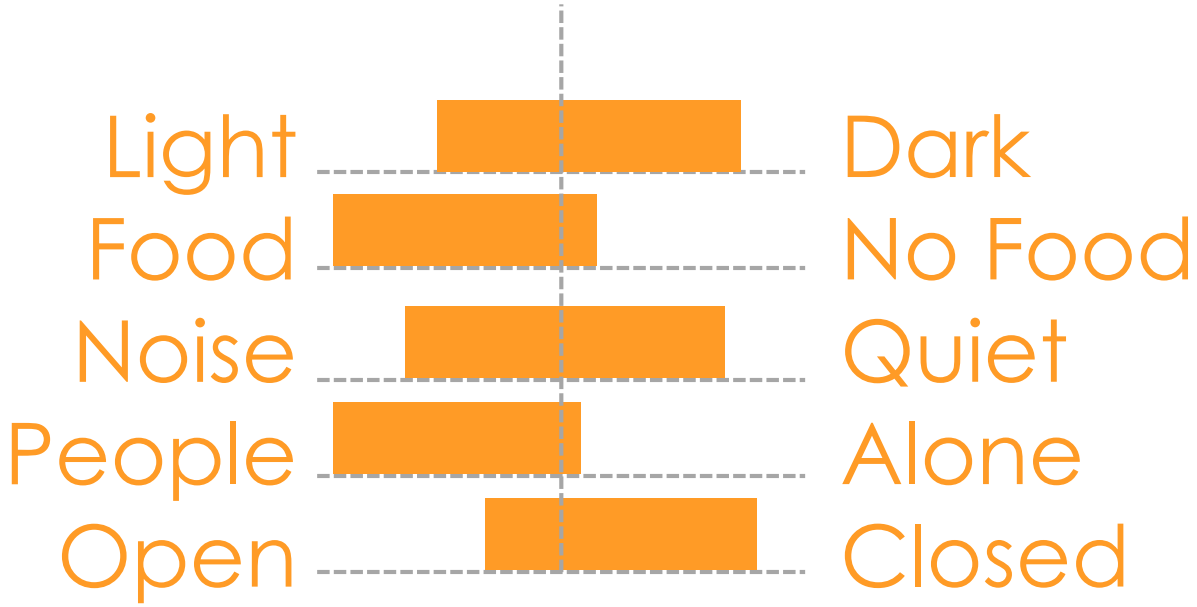
Results



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Postcards from the future

Imagine yourself in the year 2040.
It's your class reunion!

Write a postcard to your "2017" self, explaining what school is like in the future?

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What does the future look like?

Tech Rich

Smartboards
Touchpads & Laptops
Interactive technology (VR)
Google Glasses
Robotics class

Collaborative and flexible

Glass, open space, and movable furniture
Group space
White boards
Bright open space

Innovative

Chairs with temperature controls
Floating TVs
Workout machines
Robots that make food and help students
Gaming lounge

Natural

Integrated into the school space

Connected

Elevators (fewer stairs)
Escalators

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Space Types

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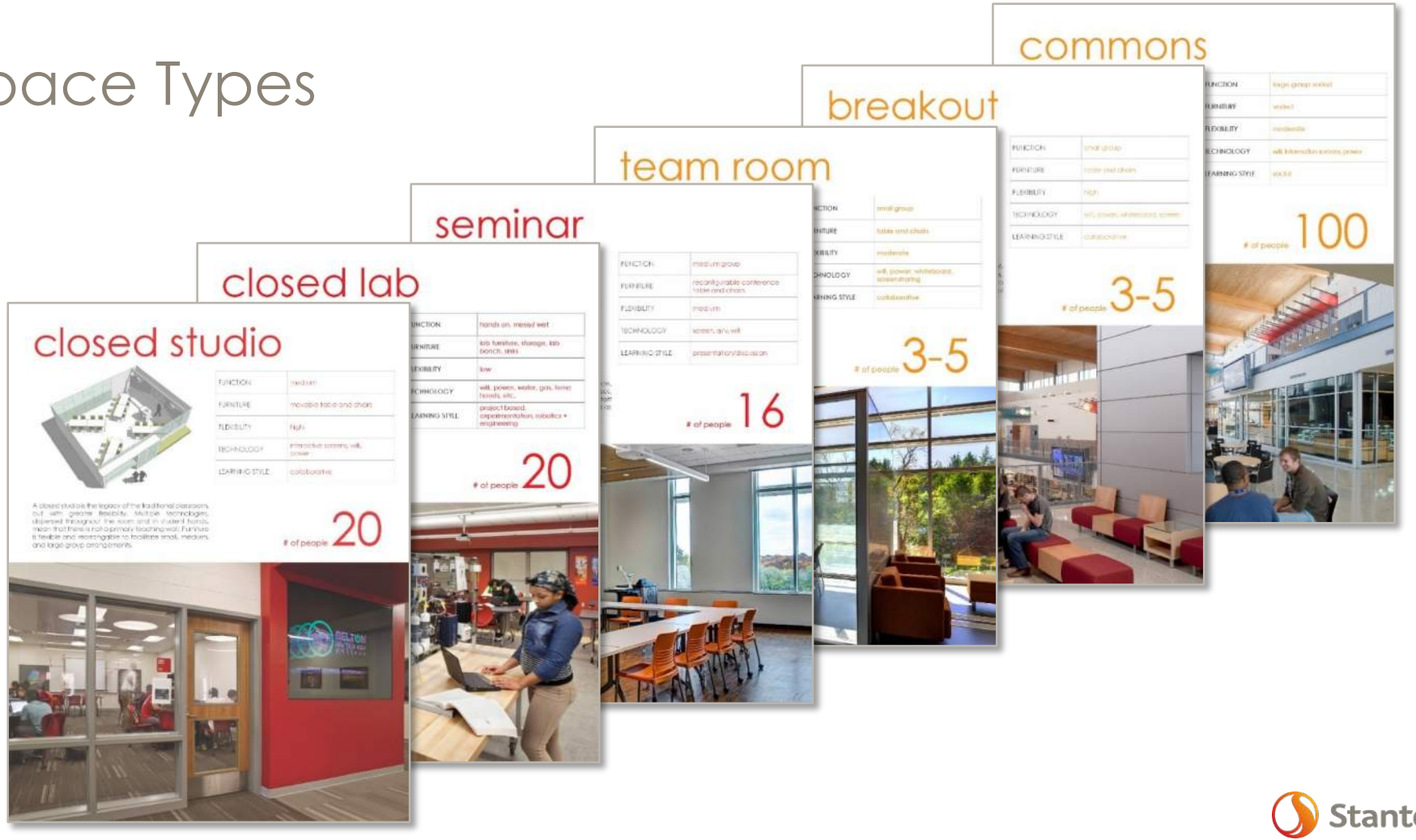
Space Types



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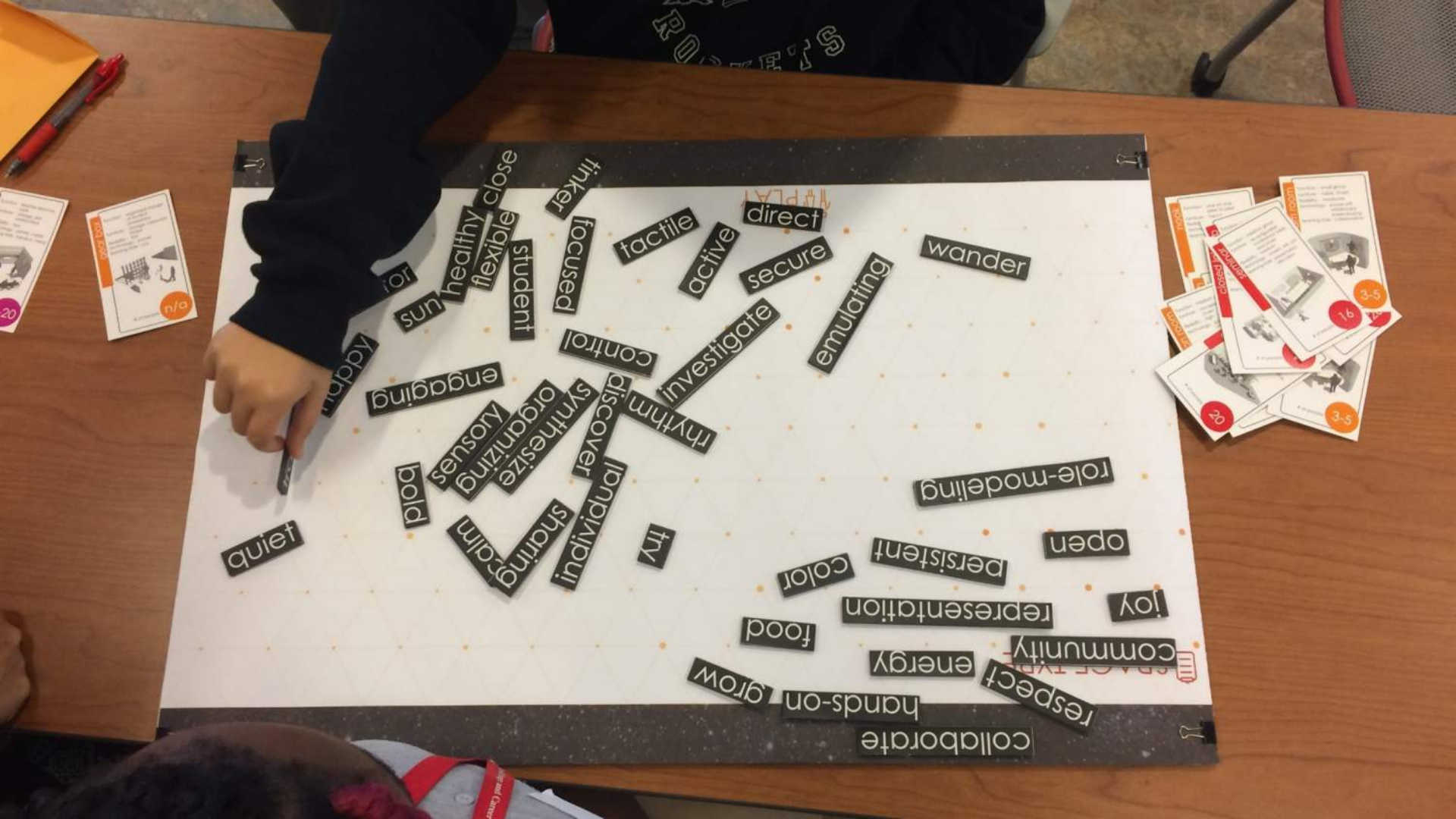
Space exploration


collaborate
hands-on
grow
respect
energy
community
joy
representation
food
color
persistent
open
role-modeling
try
individual
sharing
discover
synthesize
organizing
sensory
bold
quiet
engaging
rhythm
investigate
control
emulating
wander
secure
active
direct
tactile
focused
student
flexible
healthy
sun
tinker
close

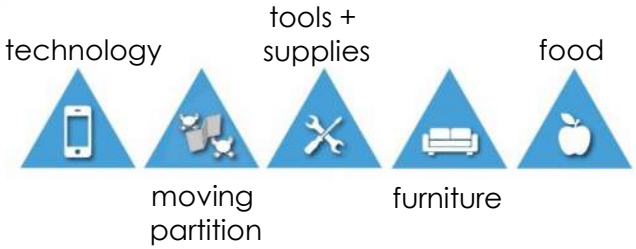
Game Pieces

CLASS AREAS

COLLABORATION

TEACHER WORK AREAS

OUTDOOR



team

1

SPACE TYPE

collaborate

calm

secure

sensory

representation

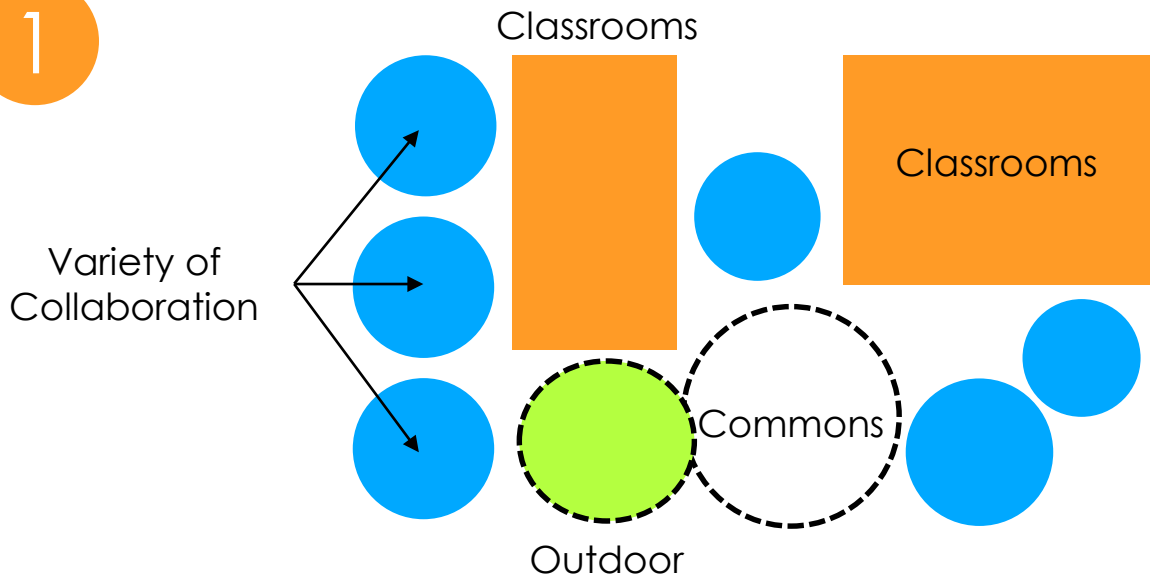
engaging

hands-on

PLAY

Diagram

1



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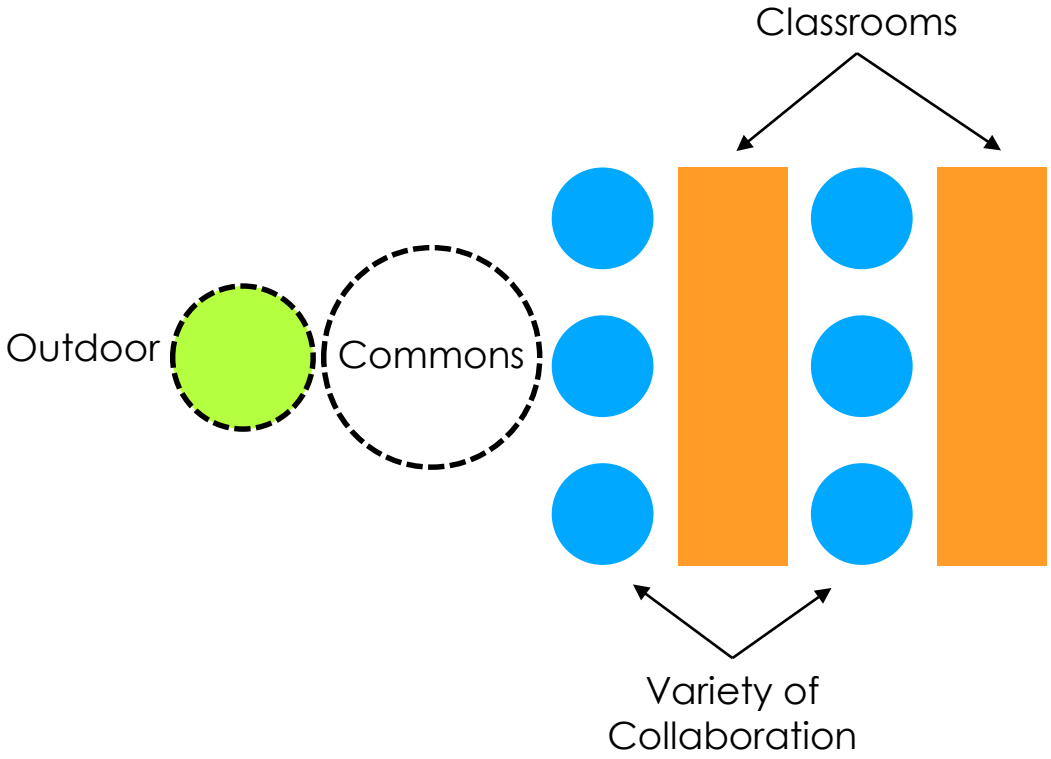
team

2


phone booth
1-3
5-10
nook
(1-3 people max)
studio space
outdoor space
break out
(3-5 people)
ideation room
(5-10 people)
open studio
(20 people max)
seminar
(16 people max)
collaboration space
collaboration space
"phone booth"
(1- 3 people)
break out
(3-5 people)
toolbox
(work + lounge)
gear box
(project stuff)
closed studio
(20 people)
closed studio
(20 people max)
open lab
(20 people max)
team room
(3-5 people max)
food
secure
flexible
respect
engaging
collaborate
community
PLAY
tool box
3-5
20

Diagram

2



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team

3

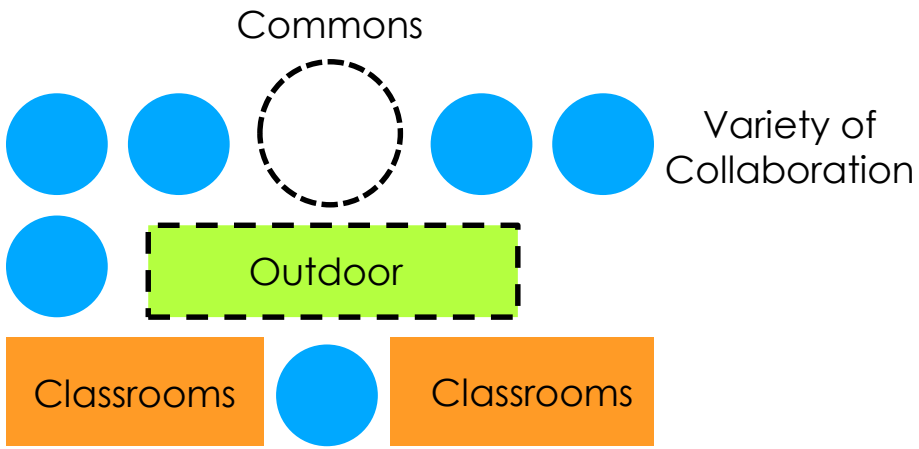
SPACE TYPE

collaborate
role-modeling
representation
respect open
community

PLAY

Diagram

3



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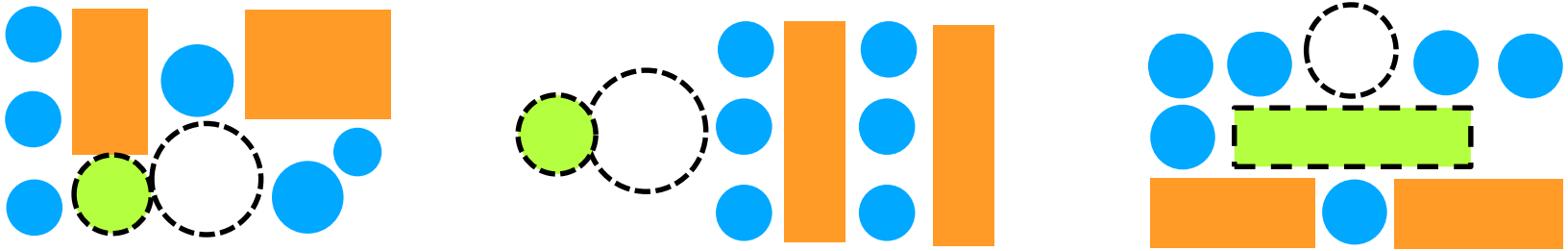
Common themes



Distribution of variety of collaboration among academic spaces
Connection between Commons & outdoor space
Importance of Commons

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Whew!

Lets take a break?

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5 Opportunity ID / CPT Input

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Guiding Principles

K12 Design Best Practices

- Leverage architecture as an effective medium for enhancing teaching and learning.
- Create a safe, inviting, exciting environment for all
- Provide flexible, differentiated spaces and places that acknowledge and respond to a wide range of learning styles and preferences
- Look to the future by providing real-world environments for collaboration, creation, communication, and critical thinking
- Create identity that responds to the nature of the school and the context in which it is set
- Capitalize on benefits of shared resources

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Identified Opportunities

1. Shared Spaces
2. Adjacencies and colocation
3. Entrances
4. First Floor
5. Identities

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6 Further Student Engagement

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WHICH ACTIVITIES?

Art

Games

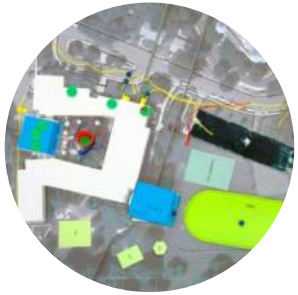
Public Display

Questionnaire

Focus Groups

Voting

Charrettes



Visioning

Web Surveys

Data mining

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Thank you!

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