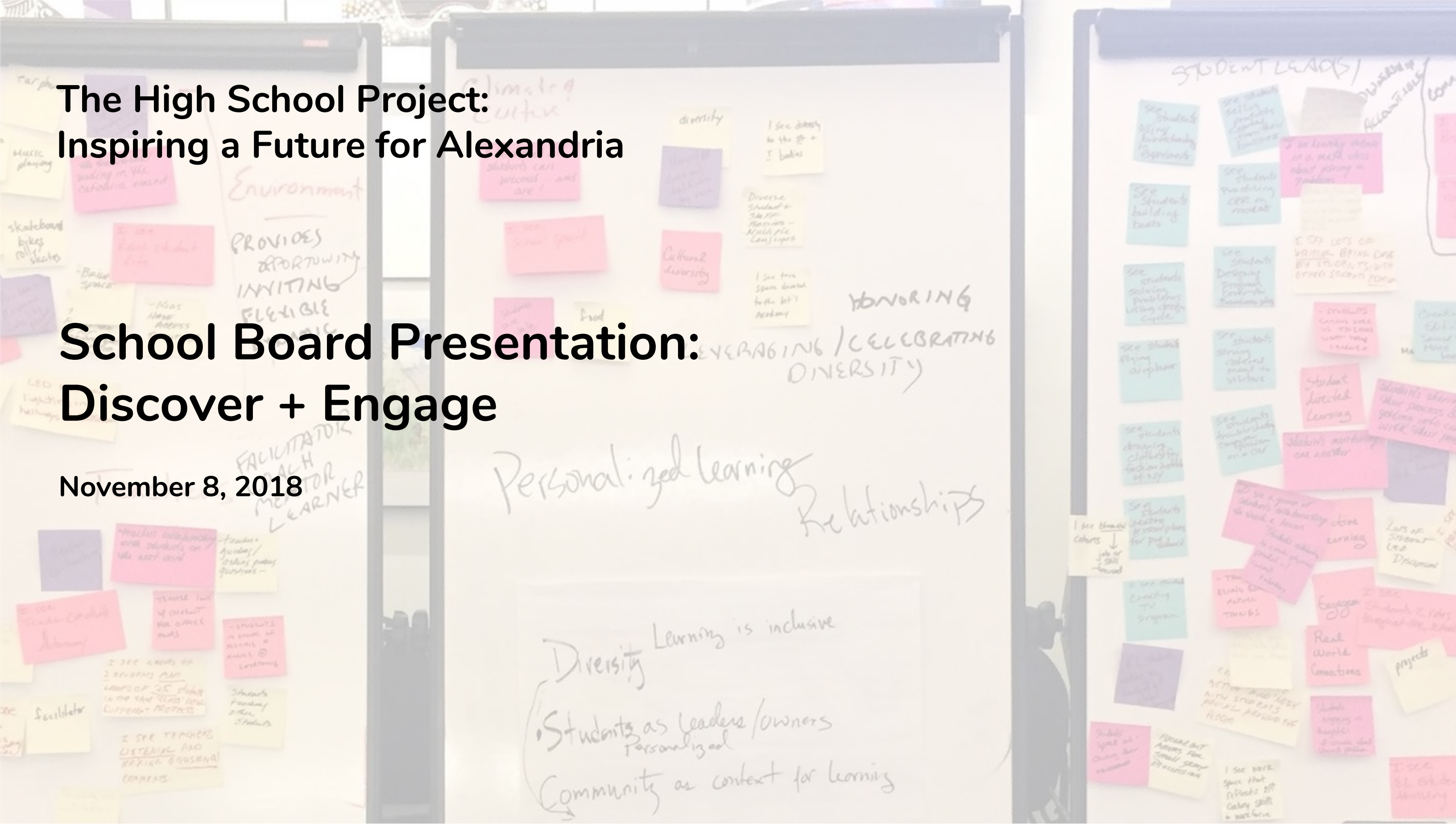


The High School Project: Inspiring a Future for Alexandria

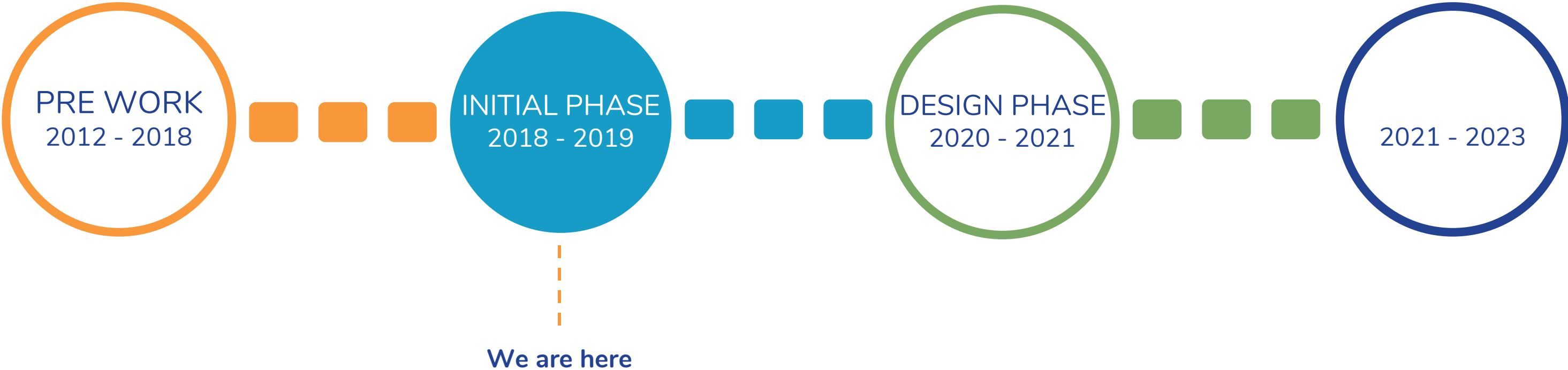
School Board Presentation: Discover + Engage

November 8, 2018

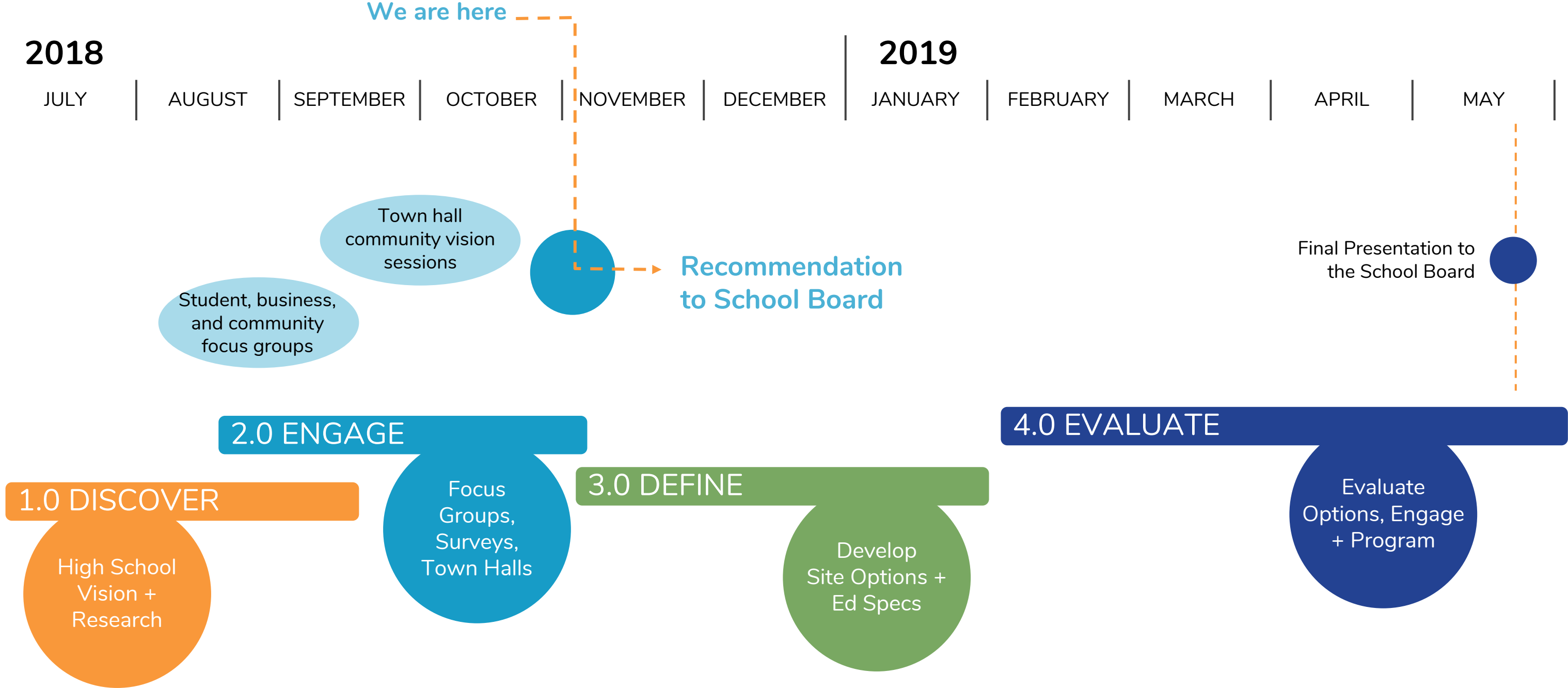


The High School Project | Overview

- Project Components
- Schedule Objectives



Timeline | Initial Phase



Agenda

- Timeline Overview & Project Team
- The Future of High School Learning
- Community Engagement
- Emerging ACPS Educational Vision
- Next Steps



Project Team | Who We Are



Core Team:

- Mignon Anthony, Operations
- Erika Gulick, Operations
- Dr. Terri Mozingo, Curriculum
- Clinton Page, Accountability
- Gerald Mann, Secondary Education
- Peter Balas, Principal
- Helen Lloyd, Communications

- Dirk Geratz, City Planning & Zoning
- Katherine Carraway, City Planning & Zoning



- Derk Jeffrey
- Camilo Bearman



- James Seaman
- Jessie Sticklor-Lipson
- Chris Hazleton
- Bob Pearlman

Project Team | ACPS Leadership



“Rather than simply looking at buildings, space, and land acquisitions in isolation, we are using this opportunity to assess the skills that our students will need to be successful in the workforce in the future, and to anticipate the business needs, not just of a global workforce but that of Alexandria, the D.C. metro area, and beyond. This project will potentially create programming aligned with those skill sets and workforce needs.

If we do this successfully, we will not only be redefining the high school experience for ACPS, but also inspiring a direction for Alexandria.”

Letter to the Alexandria Community
from Dr. Gregory C. Hutchings, Jr.
August 13, 2018

The Future of High School Learning

The World is Changing...

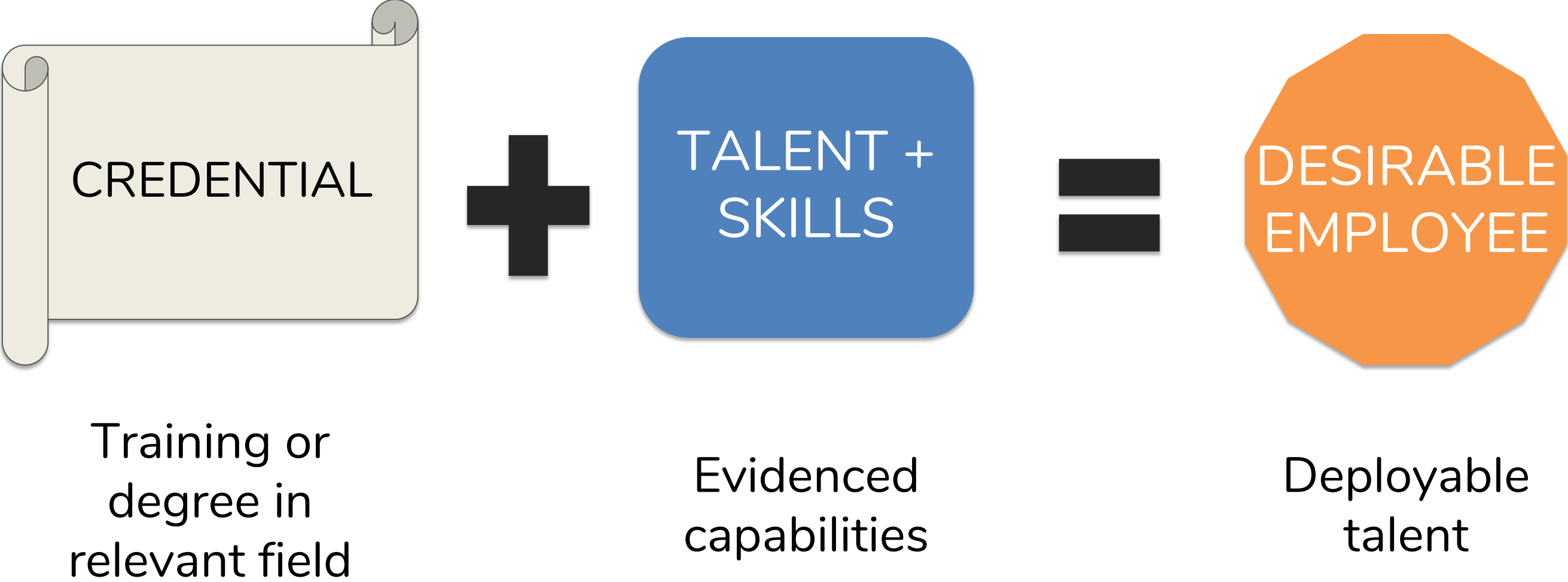
Why Learn? | The Top 10 Skills



In 2020	In 2015
1. Complex Problem Solving	1. Complex Problem Solving
2. Critical Thinking	2. Coordinating with Others
3. Creativity (increased priority)	3. People Management
4. People Management	4. Critical Thinking
5. Coordinating with Others	5. Negotiation
6. Emotional Intelligence (new)	6. Quality Control
7. Judgment and Decision Making	7. Service Orientation
8. Service Orientation	8. Judgment and Decision Making
9. Negotiation	9. Active Listening
10. Cognitive Flexibility (new)	10. Creativity

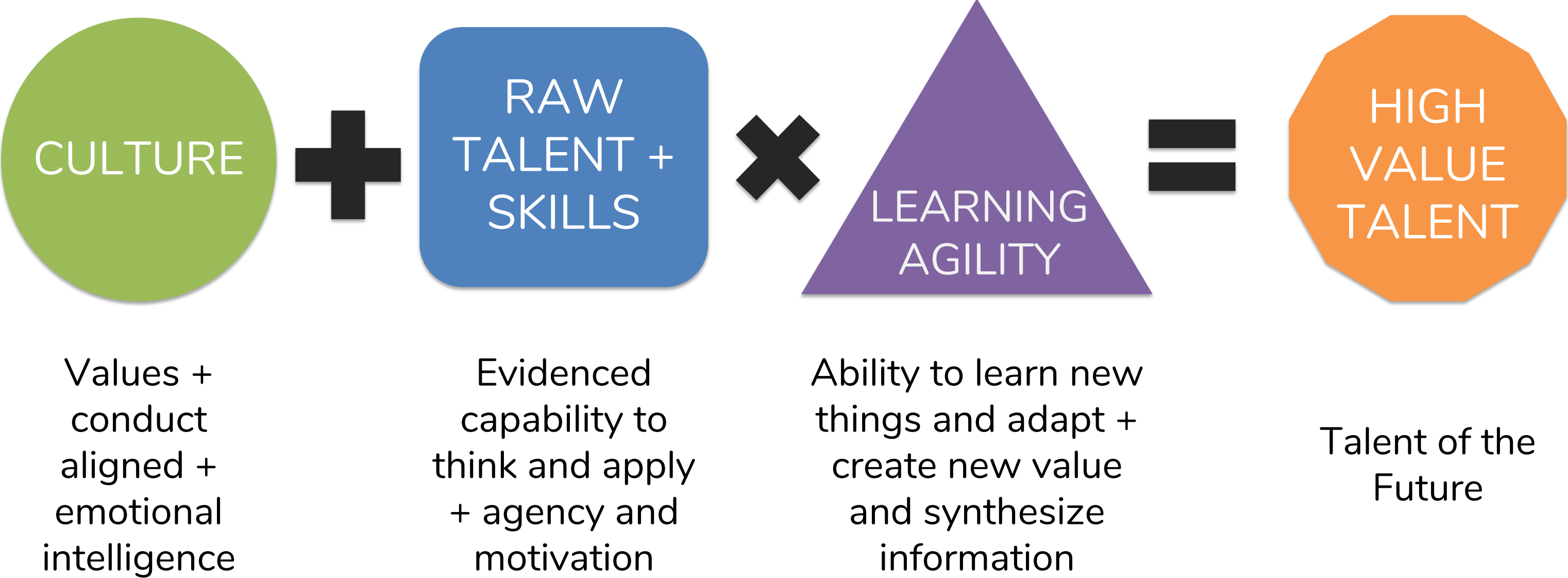
Source: [The Future of Jobs](#), World Economic Forum, January 2016

The Old Formula for Work



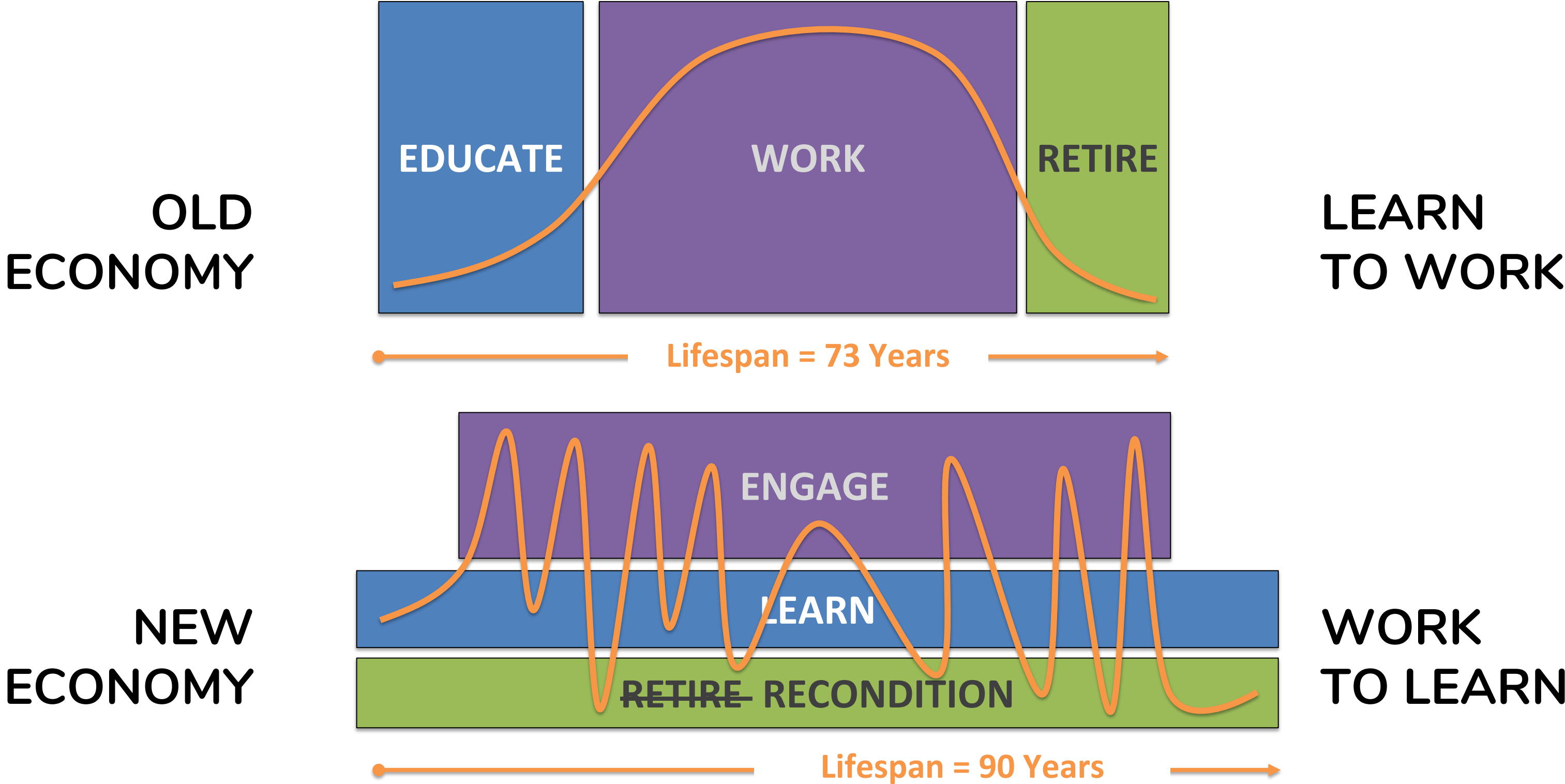
Source: Heather E. McGowan, [Future of Work](#), XQ Symposium '18, July 23rd, 2018

The New Formula for Work



Source: Heather E. McGowan, [Future of Work](#), [XQ Symposium '18](#), July 23rd, 2018

Think Differently | New Economy Shifts Life Blocks



Source: Heather E. McGowan, [Future of Work](#), XQ Symposium '18, July 23rd, 2018

Options to Expand High School Programming

Research

Research was conducted to find exemplar schools that aligned with the educational trends — emphasizing developing 21st century skills such as complex problem solving, critical thinking, and creativity that students will need for future success.

18 exemplar schools were identified and explored, allowing for emergent trends to inform the vision for the Future of High School Learning in Alexandria.



Pictured at right, from top to bottom: Design Tech High School, Redwood City, CA; Plano ISD Academy High School, Plano, TX; High Tech High, San Diego, CA

Leading American High Schools Respond

Trends in Contemporary High School Learning

Out-of-Building Learning Experiences:

Off-campus field studies, internships, apprenticeships

Pictured: The Metropolitan Regional Career and Technical High School ("The Met"), Providence, RI



Hybrid Learning:

Virtual and face-to-face individualized learning programs

Pictured: T.C. Satellite Campus Faculty, Alexandria City Public Schools

Authentic and Experiential Learning:

Project-based learning, community connections

Pictured: Crosstown High School, Memphis, TN



Thematic Career-based Learning Centers:

Purpose-built facilities for interdisciplinary studies in industry themes — e.g. Business, Medical Sciences, Design and Engineering, Human Service Professions, and STEM

Pictured: Center for Advanced Professional Studies (CAPS), Overland Park, KS

Personalized Learning & Pathways:

High degree of student voice and choice throughout learning process

Pictured: Albemarle County Public Schools, Charlottesville, VA



Global Studies and World Languages:

Pictured: Academy of Global Studies (AGS), Cincinnati, OH

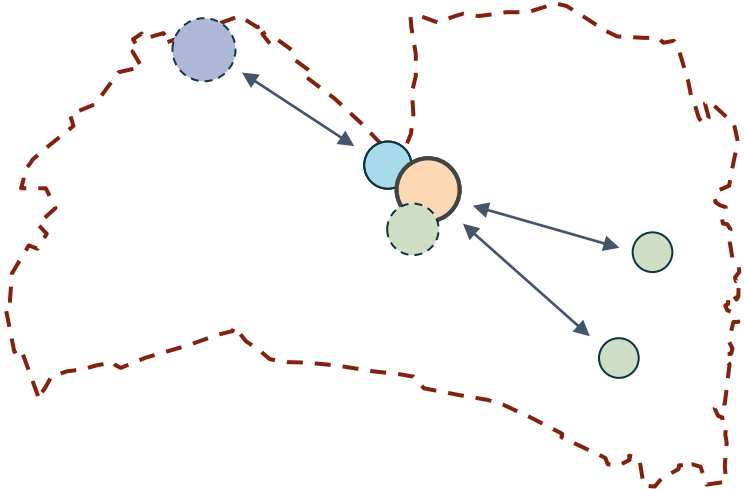
The Future of High School Learning

A Complete Picture

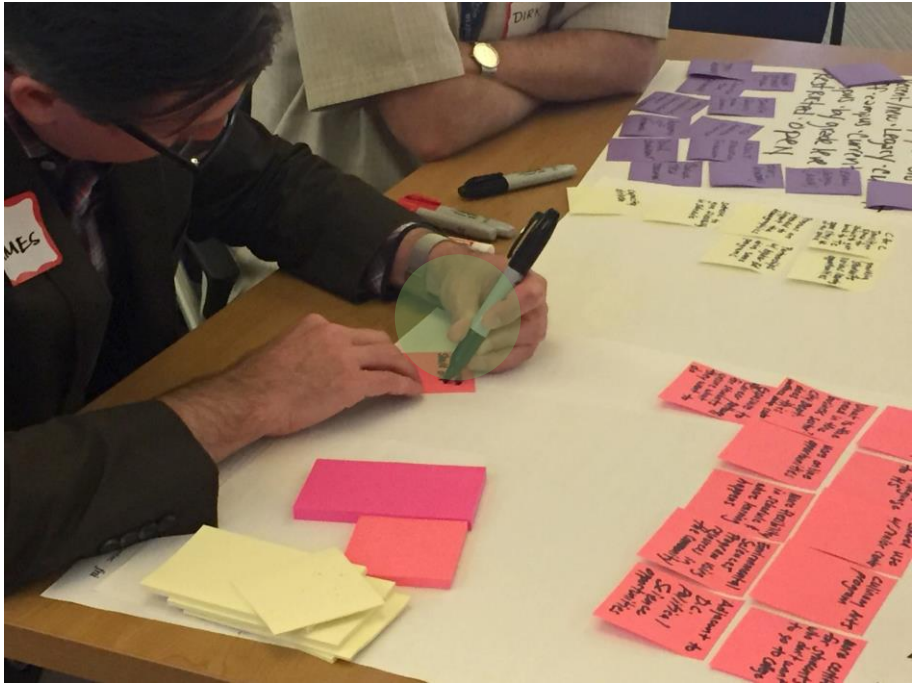
Global and Regional
Context



Alexandria
What makes us unique?



ACPS Stakeholders



ACPS Stakeholders engaged in a full-day visioning workshop

The Future of High School Learning

Global and Regional Context



- Virginia Profile of a Graduate
 - Articulates 21st Century Skills and recommends student learning experiences that supports students in acquiring these skills
- Washington, D.C. Area Resources
 - Numerous international, government, nonprofit and cultural organizations right across the river, e.g.,
 - Smithsonian
 - U.S. Department of State
 - U.S. Department of Justice
 - Etc.

The Future of High School Learning

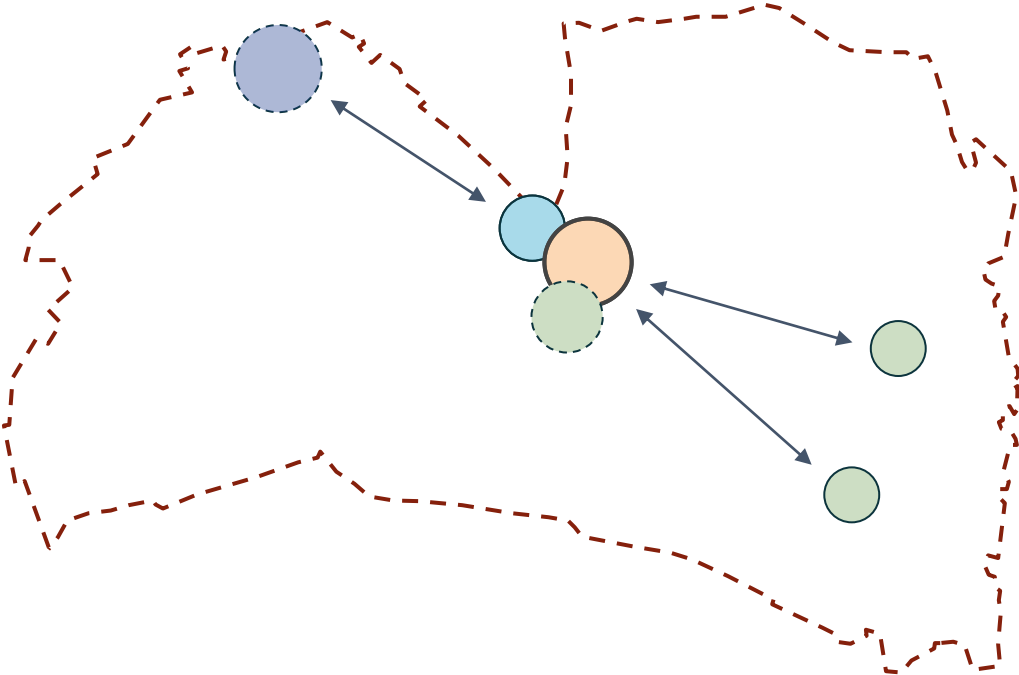
Essential Context | What Makes Alexandria Unique?

Student Demographics*

- 114 Countries
- 119 Languages

Location - Location - Location

- Urban-Suburban City
- Organizations with rich resources in Alexandria’s backyard can provide opportunities for students, e.g.,
 - National Science Foundation
 - US Patent and Trademark Office



History

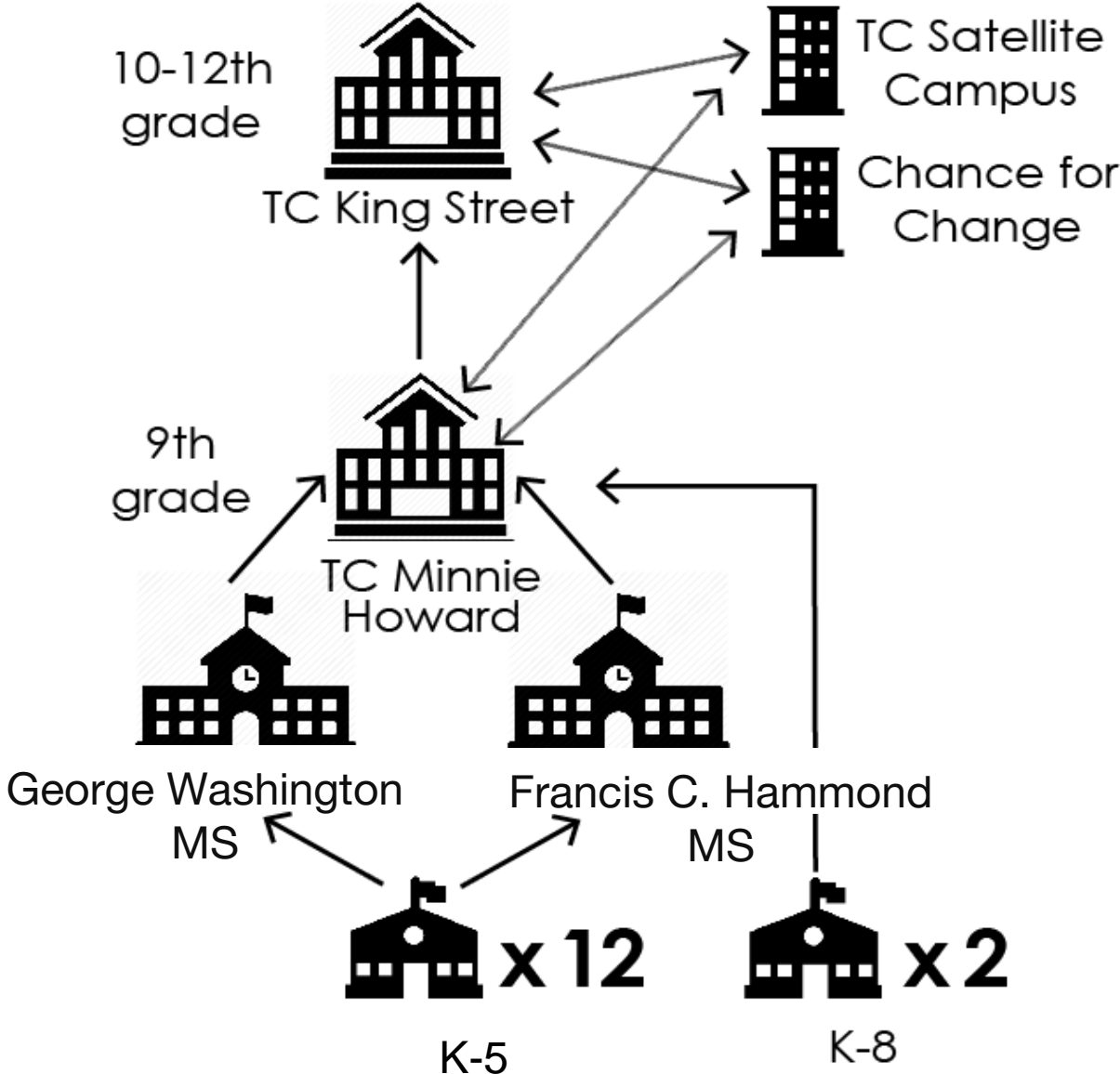
- T.C. Williams has historically served a unifying role for the city in ending the era of legal racial segregation for over four decades
- T.C. serves as a symbol of “one Alexandria”
- T.C. Titans brand honors and leverages the school’s place in the community and reduces the chances of re-segregation

*Numbers provided by ACPS

The Future of High School Learning

Essential Context | What Makes Alexandria Unique?

Facilities (ACPS illustrated)



Curricular Options & Programs (Sampling of existing @ TC)

Curricular Options

- Advanced Placement courses
- Career Technology Education
- Dual enrollment
- TC Williams athletic program

Programs

- International Academy
- ACPS/GW Health Sciences Program (Governor’s Academy)
- STEM Academy
- Satellite Campus (hybrid learning)
- Chance for Change
- Proposed early college program

The Future of High School Learning

ACPS Stakeholders | Guiding Principles of High School Learning

RELATIONSHIPS

Are the foundation of great learning

- Relationships rich in diversity of thought, cultural, and life experiences strengthens our communities and the learning experience.
- Powerful learning happens when the learner feels a sense of belonging and mattering to their communities.

LEARNERS ARE LEADERS & OWNERS

Of their own learning experience

- Powerful learning happens when the learner takes on the central role of leading his or her own learning experience.

COMMUNITY IS AN AUTHENTIC CONTEXT FOR LEARNING

- Meaningful and deep learning happens when learners are given the opportunities to contribute to their communities.
- Powerful learning happens when learners have global or international context to develop their understandings and social competencies.

EXPERIENTIAL LEARNING

Or learning by doing

- Learning happens when the learner is active and engaged.
- By learning through experience, learners build their understandings of the world.

LEARNING AS APPRENTICE TEACHER AS MENTOR & FACILITATOR

- Foundational to learning is the relationship between apprentice and master learner.
- When adults serve as guides and mentors, learners are empowered to be leaders of their learning.

Community Engagement Process | What We Wanted to Know



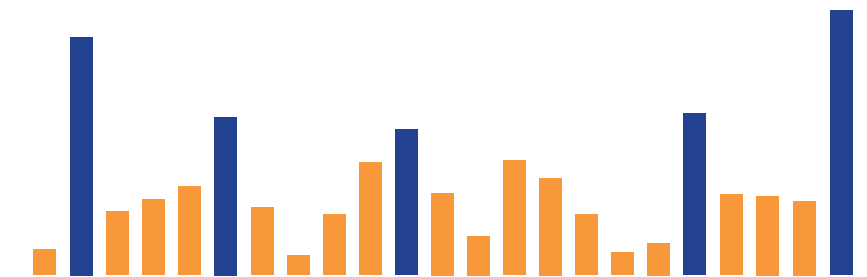
COMMUNITY LEADERS:
What does the future of education look like?

STUDENTS:
How do you learn best?

STAFF:
What is your greatest hope?

ONLINE SURVEY:
What aspects of learning are important to you?

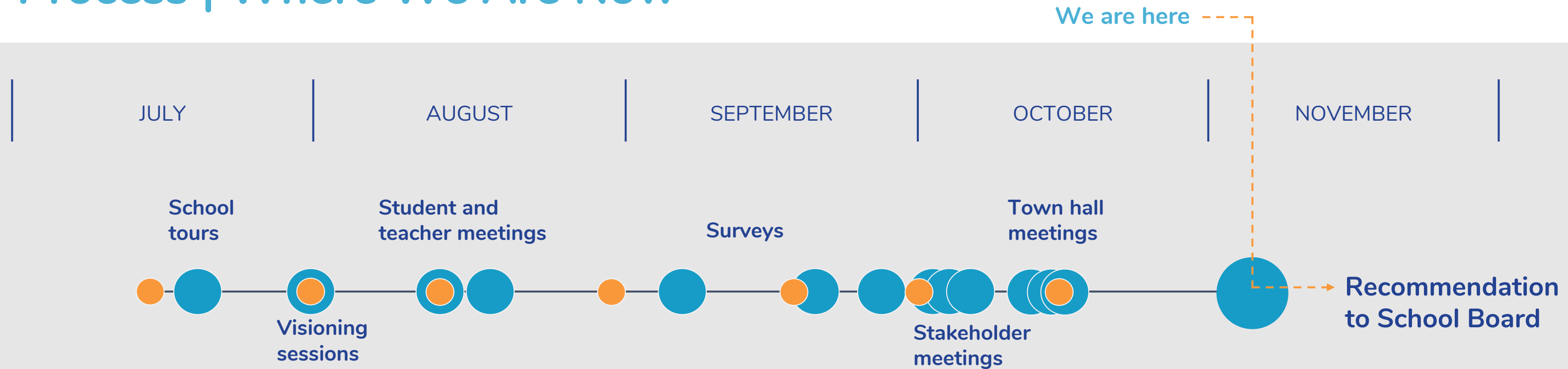
TOWN HALL WORKSHOPS:
What makes Alexandria unique?



Community Engagement Process | Where We Are Now

● Core Group meetings

● Stakeholder meetings with students, teachers, parents, businesses, community leaders, and higher education



40+ STAKEHOLDER MEETINGS

INCLUDING

20+ STUDENT CLASSES

400+

ONLINE SURVEY RESPONSES

2 + 2 = 4

EAST END

WEST END

TOWN HALL MEETINGS

Community Engagement Process | What We Have Heard

STUDENT
FOCUS
GROUPS

Students...

- want to learn outside of the high school
- value learning life skills
- want more chances to learn things they are passionate about
- enjoy interacting with and learning from all nationalities
- want more options
- at Minnie Howard campus feel isolated



Community Engagement Process | What We Have Heard

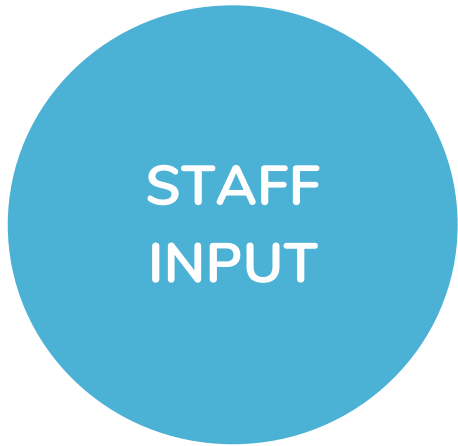
COMMUNITY
LEADER FOCUS
GROUPS

The Community Leaders...

- want to see a focus on teaching soft skills, especially communication
- value lifelong learning / teaching others
- encourage more interaction between high school students and their supporting community



Community Engagement Process | What We Have Heard



HOPES...

individualization student choice
expansion of T.C
college career focused
hands on experience in community
second high school
alternative programs

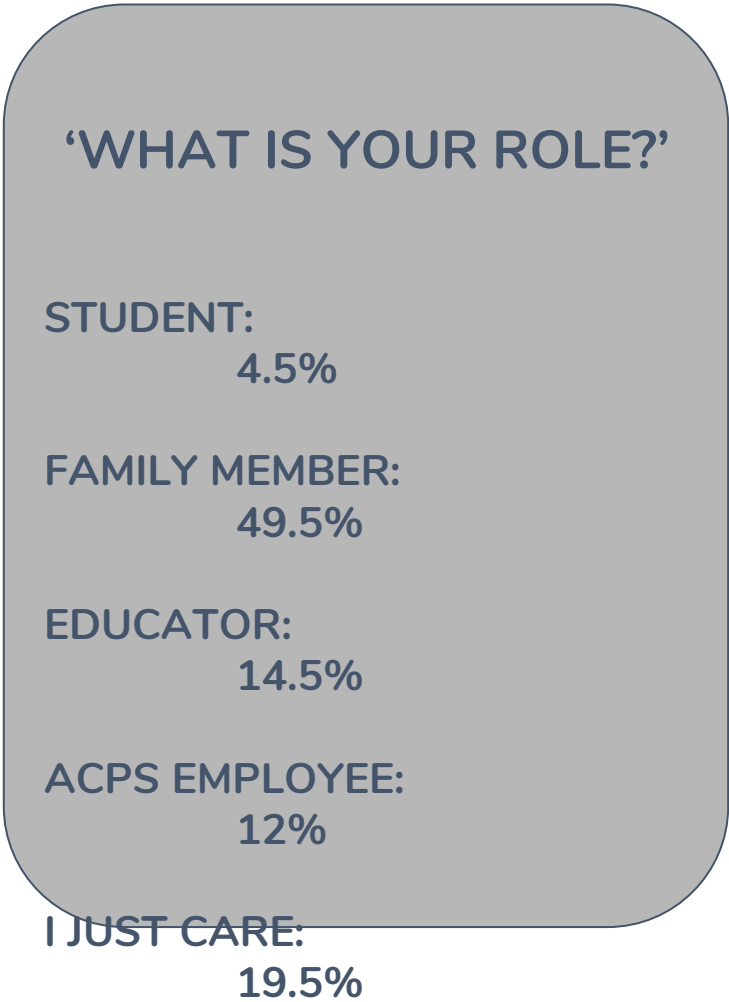
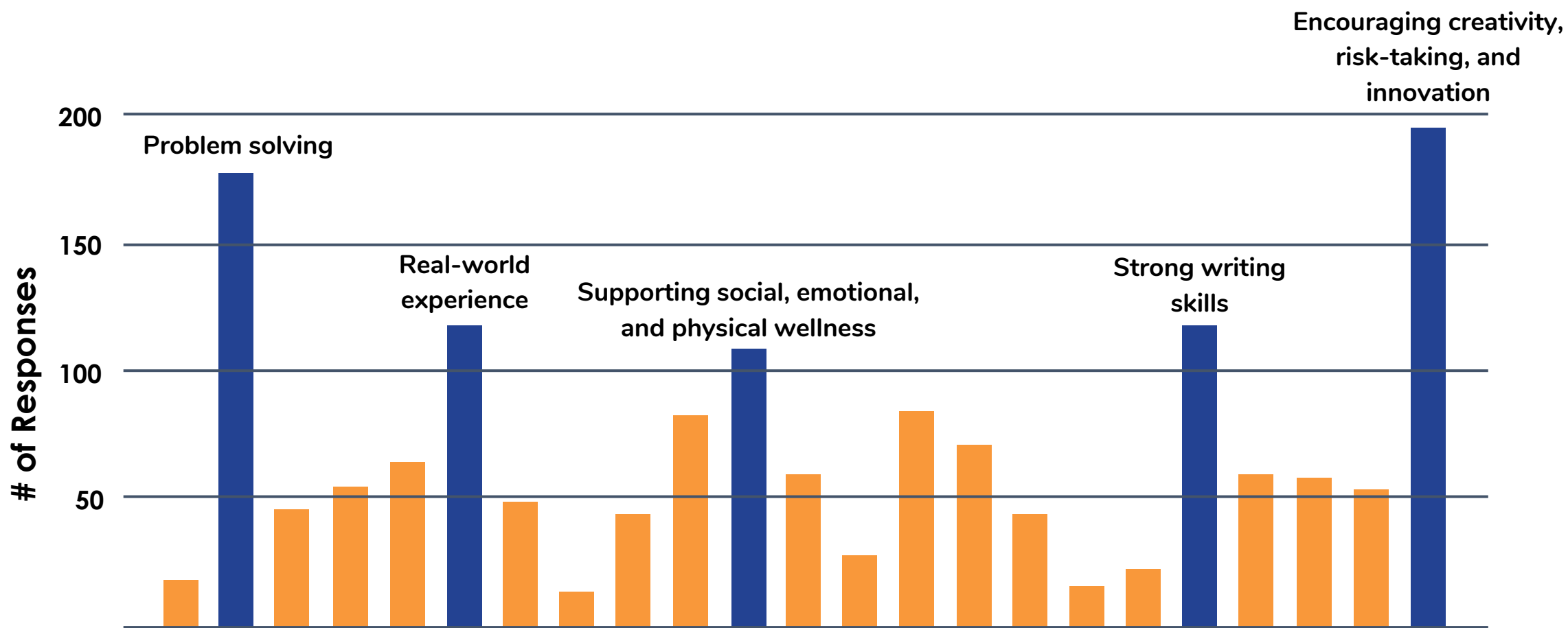
FEARS...

Capacity driven not program
No action Too slow to act
No new school
Continued disconnect between campuses
Too skill focused less acquisition focused
Re-segregation inequity
Not result in individualized learning academies
Emphasis on testing over critical thinking
Loss of one high school Titan brand
Expanded TC environment does not support relationships

Community Engagement Process | What We Have Heard



Which **Aspects of Learning** are most important to you?



Community Engagement Process | What We Have Heard

TOWN HALL
WORKSHOPS

What makes Alexandria and TC Williams High School unique?

- Unifying High School experience
- Diverse population and student body
 - TC students represent 100+ countries and languages
 - Exposure to different cultures is draw to students
- Connection and access to history
- Local colleges and universities
- “Small Town” feel
- Vibrant business base
- Passionate community
- Parent support

What will prepare high school students for their futures?

- Early exposure to a range of learning pathways
- Inspiring curiosity and creativity
- Individualized instruction
- Experiential learning
- Real-world opportunities
- Critical thinking
- Problem solving
- Passion projects
- Flexible scheduling
- Adaptability to student needs
- Communication and interpersonal skills, both written and verbal
- Self-advocacy and wellness

What opportunities exist for community-based learning experiences and partnerships ?

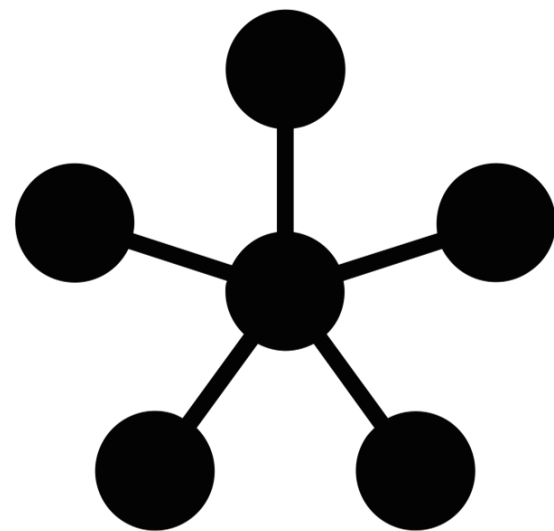
- Leveraging division Partnerships Office to create community connections
- Developing opportunities for after school and summer employment
- Partnering with local nonprofits
- Co-op programs partnering with local businesses
- Increasing number of internships
- Bringing employers to the table to discuss job market preparation
- Part of DC Metro area

Emerging ACPS Educational Vision

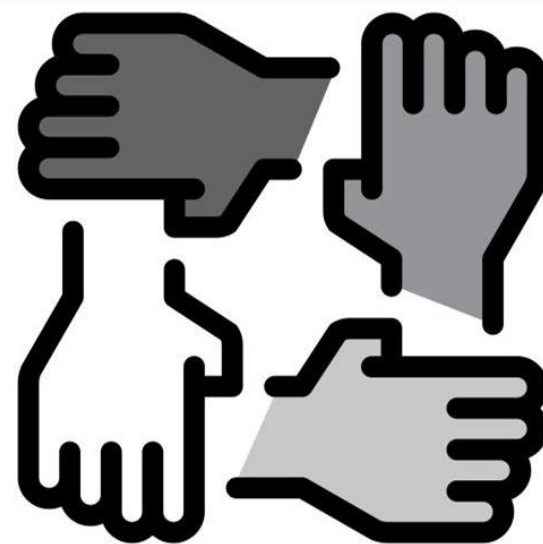
Research / The Future of High School Learning + Global and Regional Context +
What makes Alexandria unique + ACPS Stakeholders + Community Engagement

= an Emerging ACPS Educational Vision:

3 Distinct Values



Community
Connected



Diversity
as Strength



Experiential
Learning

Emerging ACPS Educational Vision

DATA

- Research / 21st Century Learning
- Research / leading school districts
- VA Profile of a Grad
- Alexandria / community context
- ACPS Stakeholders
- Guiding Principles
- Community Engagement:
 - Students, parents, teachers
 - Community, business & Higher Ed leaders

VISION FOR HS LEARNING

VALUE

WHAT THIS MEANS
(Qualities)

RECOMMENDATION

Emerging Themes/
Program Concepts

Emerging ACPS Educational Vision

DATA

- Community is an authentic context for great learning
- Alexandria's unique location offers an abundance of local resources
- Internship & apprenticeship opportunities are desired and available
- Builds community & civic responsibility

VISION FOR HS LEARNING

COMMUNITY CONNECTED

WHAT THIS MEANS (Qualities)

- Dependent on community partnerships
- Common culture
- Integration with municipal - resources & vision
- Titan identity / one High School
- Community as a network of opportunities
- Opportunity for a broad spectrum of interests
- (Enhance) hybrid learning

RECOMMENDATION

Emerging Themes/ Program Concepts

- Alexandria Community as a Classroom
- Public & Human Services
- Medical & Healthcare

Emerging ACPS Educational Vision

DATA

- Alexandria's diverse student population is an asset in a global context for learning
- Proximity to Washington DC provides opportunities
- Students desire more choice of programs & learning experiences
- The future high school experience should be diverse & inclusive

VISION FOR HS LEARNING

DIVERSITY as STRENGTH

WHAT THIS MEANS (Qualities)

- Diversity across all sectors of learners & educators
- Access for All
- DC-area/federal resources as a source of learning
- Personalization
- Foundation of relationships
- Opportunity regardless of economic/cultural background
- (Enhance) hybrid learning

RECOMMENDATION

Emerging Themes/ Program Concepts

- Global Studies
- Dual Language
- Public & Human Services
- Medical & Healthcare

Emerging ACPS Educational Vision

DATA

- Real-world, authentic learning experiences are in high demand by students, parents and community leaders
- Complex problem solving, critical thinking & creativity skills are a top priority for the changing world
- Thematic-based learning centers are increasing in popularity throughout the country

VISION FOR HS LEARNING

EXPERIENTIAL LEARNING

WHAT THIS MEANS (Qualities)

- Choice in learning path (personalization)
- Community/profession-based learning experience
- Opportunity independent of home location
- Adaptability over time
- CTE
- (Enhance) hybrid learning

RECOMMENDATION

Emerging Themes/ Program Concepts

- STEM/STEAM/ Design
- Technology & Creativity
- BioSciences/ BioMedical
- Engineering
- Business/Technology/ Media
- Arts

Framing the Challenge & Identifying the Opportunities

ACPS must expand high school capacity and simultaneously seek to expand learning opportunities and experiences, providing optimal and equitable learning environments for all students.

Options to Expand High School Programming

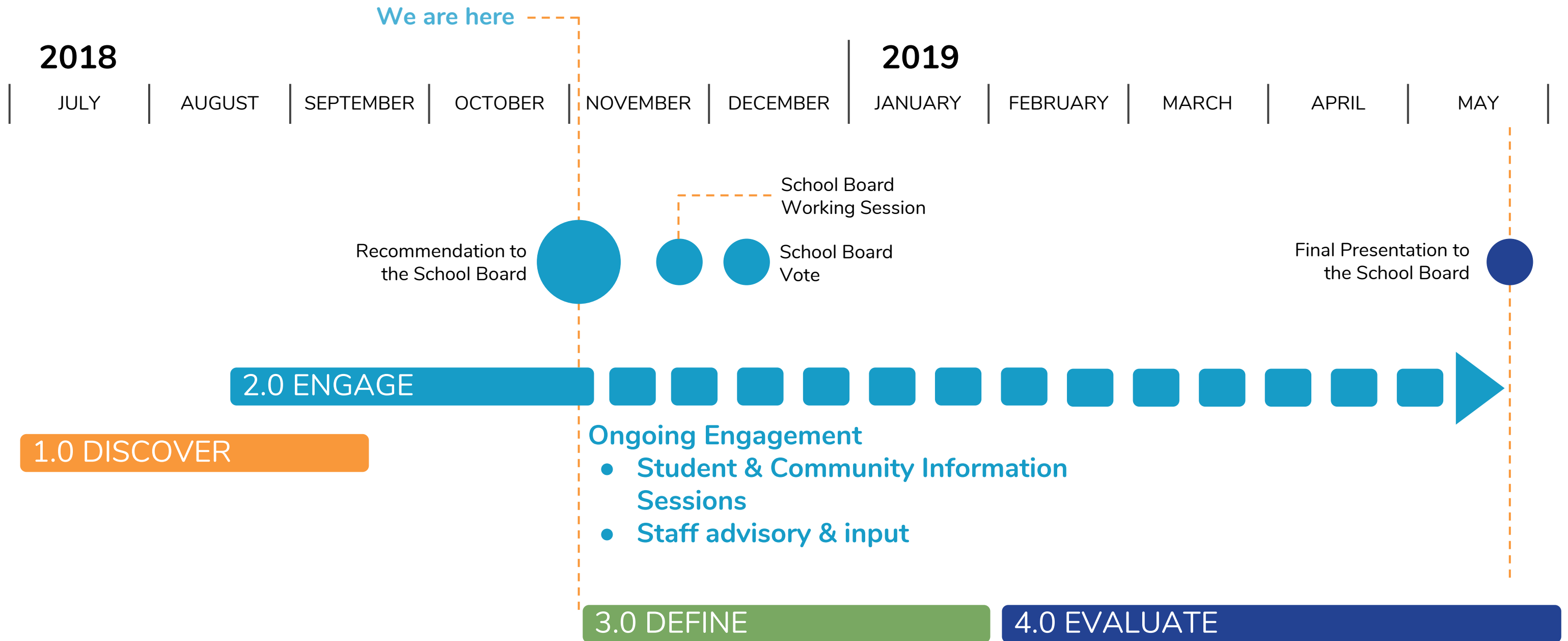
Three strategies to imagine how T.C. Williams might grow:

- 1 Expand the Existing High School Campus
- 2 Add Additional Comprehensive High School(s)
- 3 Create Off-site Specialty Programs

How do these options align with our Emerging Educational Vision?

- Community Connected
- Diversity as Strength
- Experiential Learning

Next Steps



Questions?

