



Arlington
Public
Schools

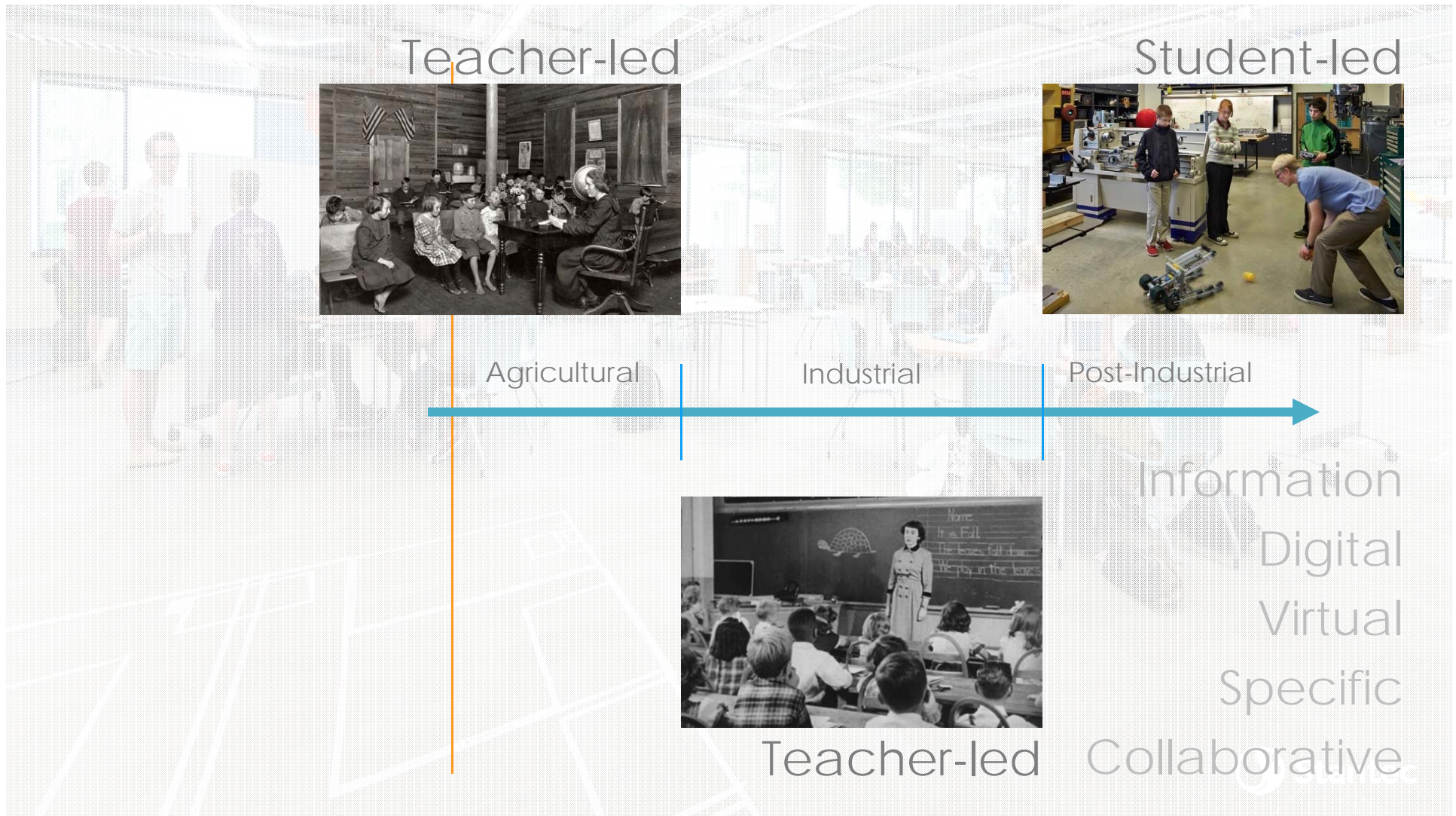
VISUALIZING THE FUTURE



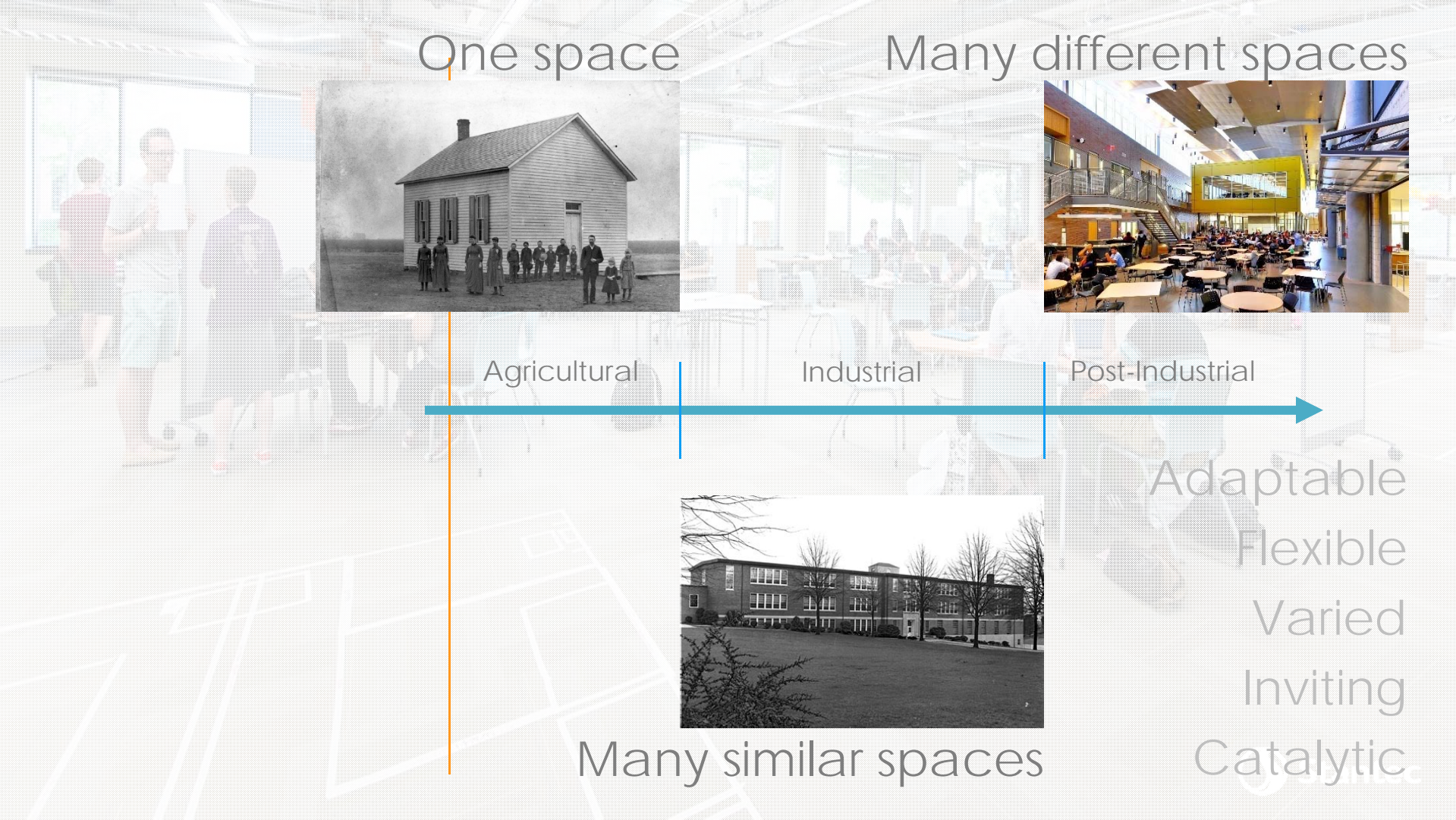
What's Happening in the World?



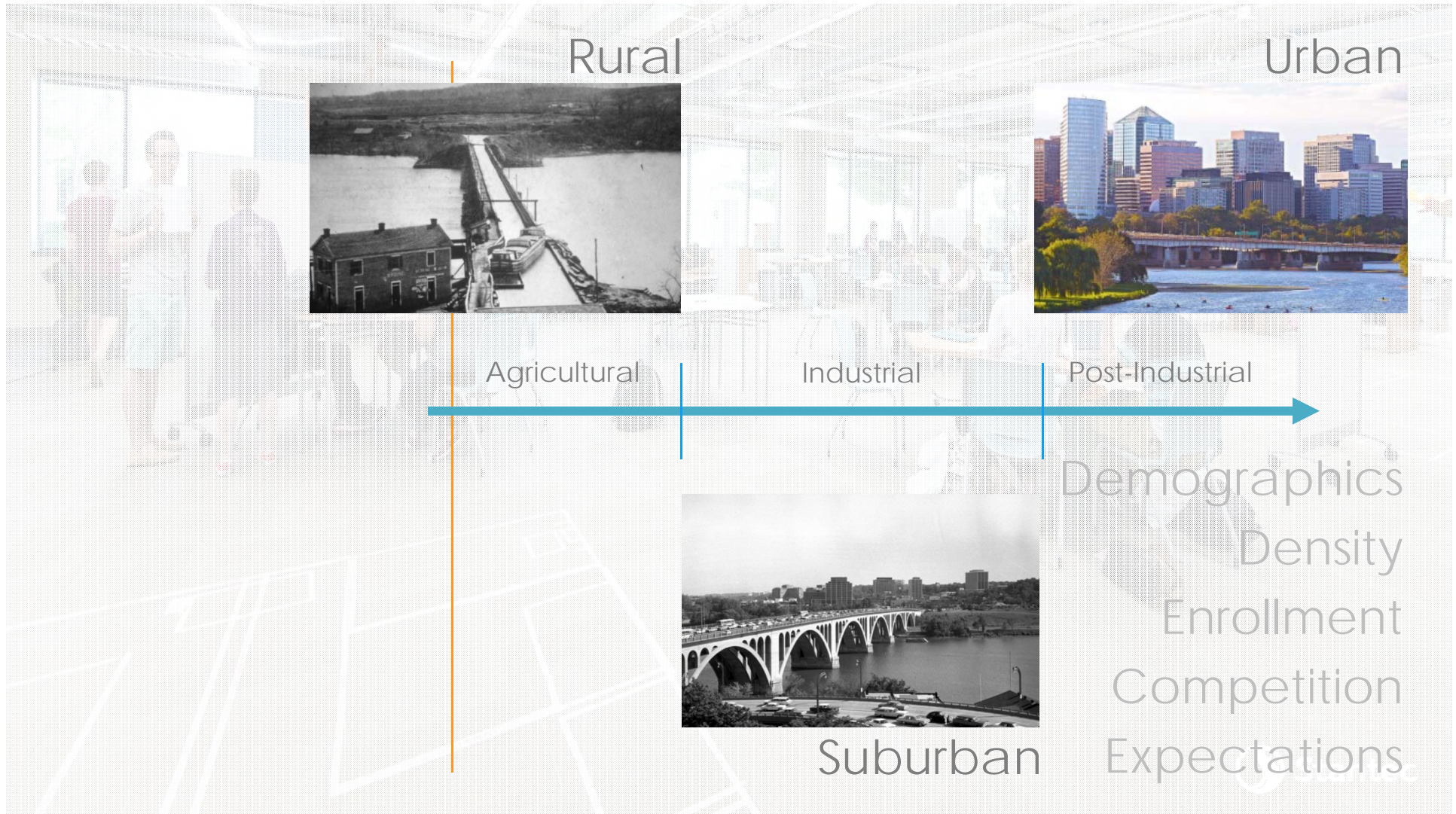
What's Happening in Education?



What's Happening in Facility Design?



What's Happening in Arlington?



What's Happening in Arlington?

Five fastest-growing Occupations 2012-2024

1. Occupational Therapy Assistants
2. Physical Therapist Assistants
3. Personal Financial Advisors
4. Physical Therapist Aides
5. Home Health Aides

Five fastest-growing Industries 2012-2024

1. Health Care and Social Assistance
2. Professional, Scientific and Technical Services
3. Construction
4. Accommodation and Food Services
5. Arts, Entertainment and Recreation

What the research says about learning...

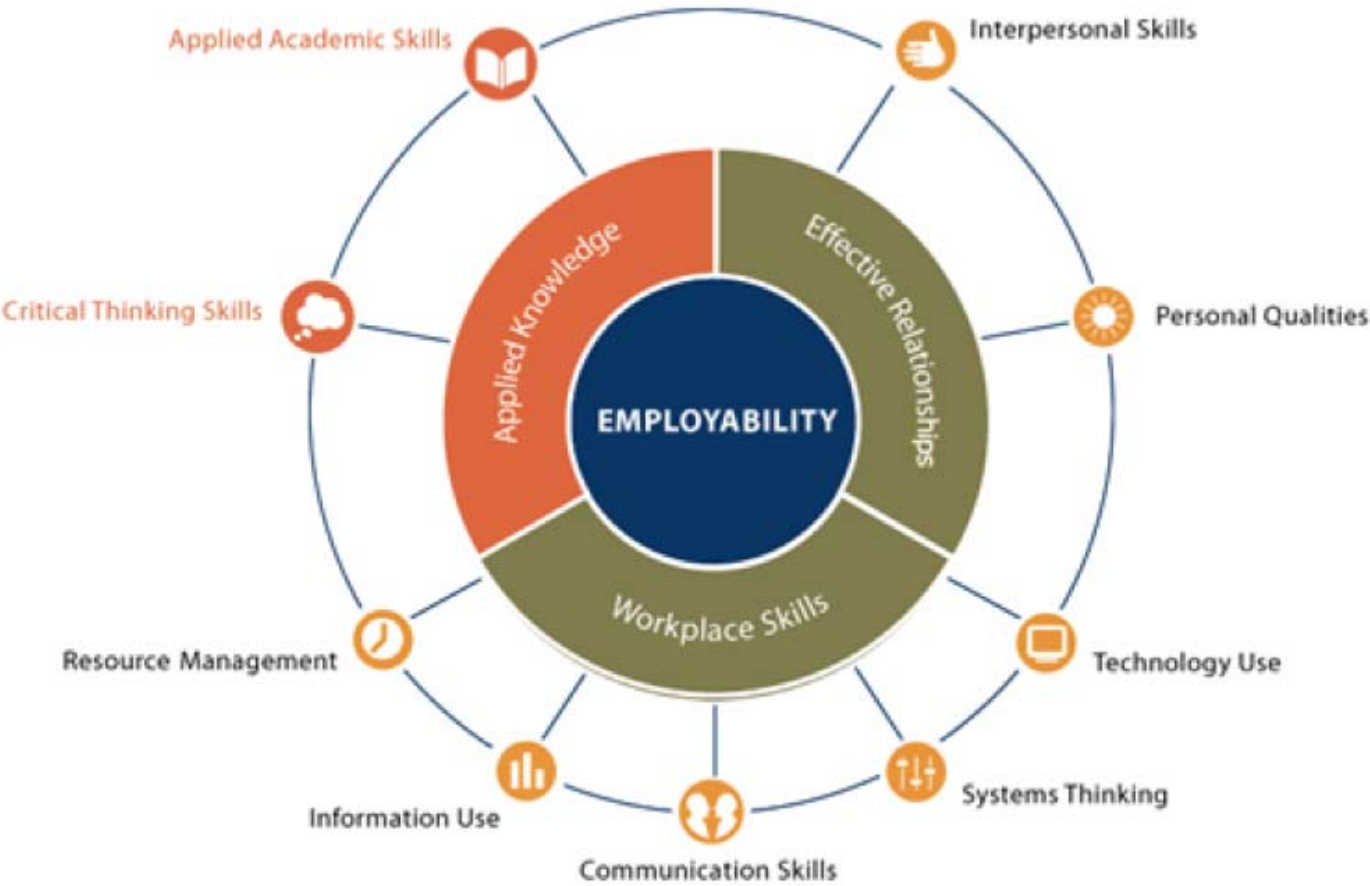


- Learning involves thinking
- Experiences are critical to learning
- Learners need to develop in-depth knowledge in some areas if they are going to continue learning
- To learn, people need to be actively engaged
- Learners have to want to learn the material
- Learning has to be a personalized — not a standardized — experience
- Learning (usually) needs structure
- Learning involves interaction
- Learning needs to take place in a wide variety of settings
- Intelligence – or intellectual capacity — is not fixed, but expandable



SOURCE: Supporting Future Oriented Learning and Teaching, A New Zealand Perspective

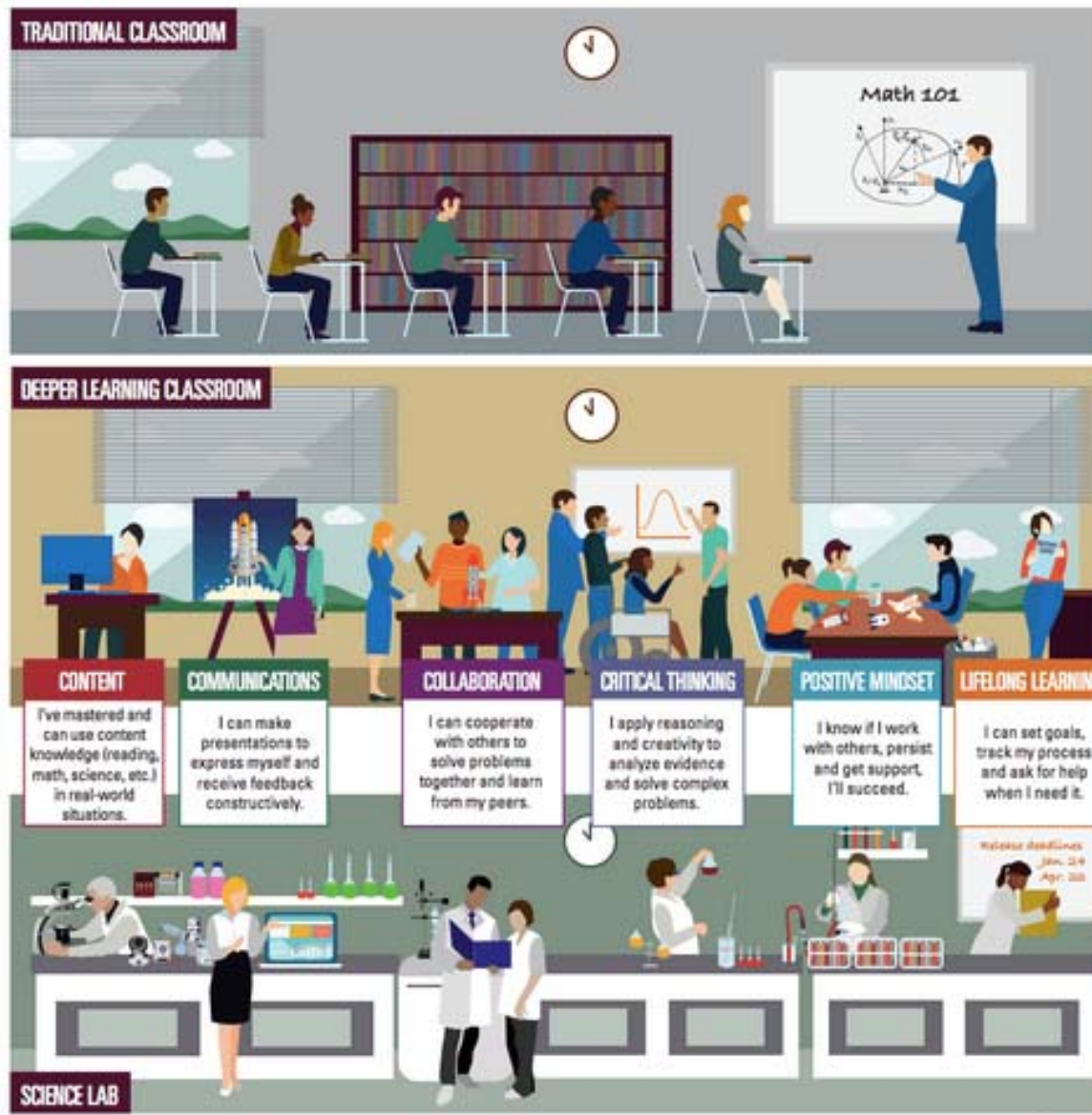
And what we know about employability...



SOURCE: US Department of Education, Employability Skills Framework

...is refocusing education and reshaping classrooms

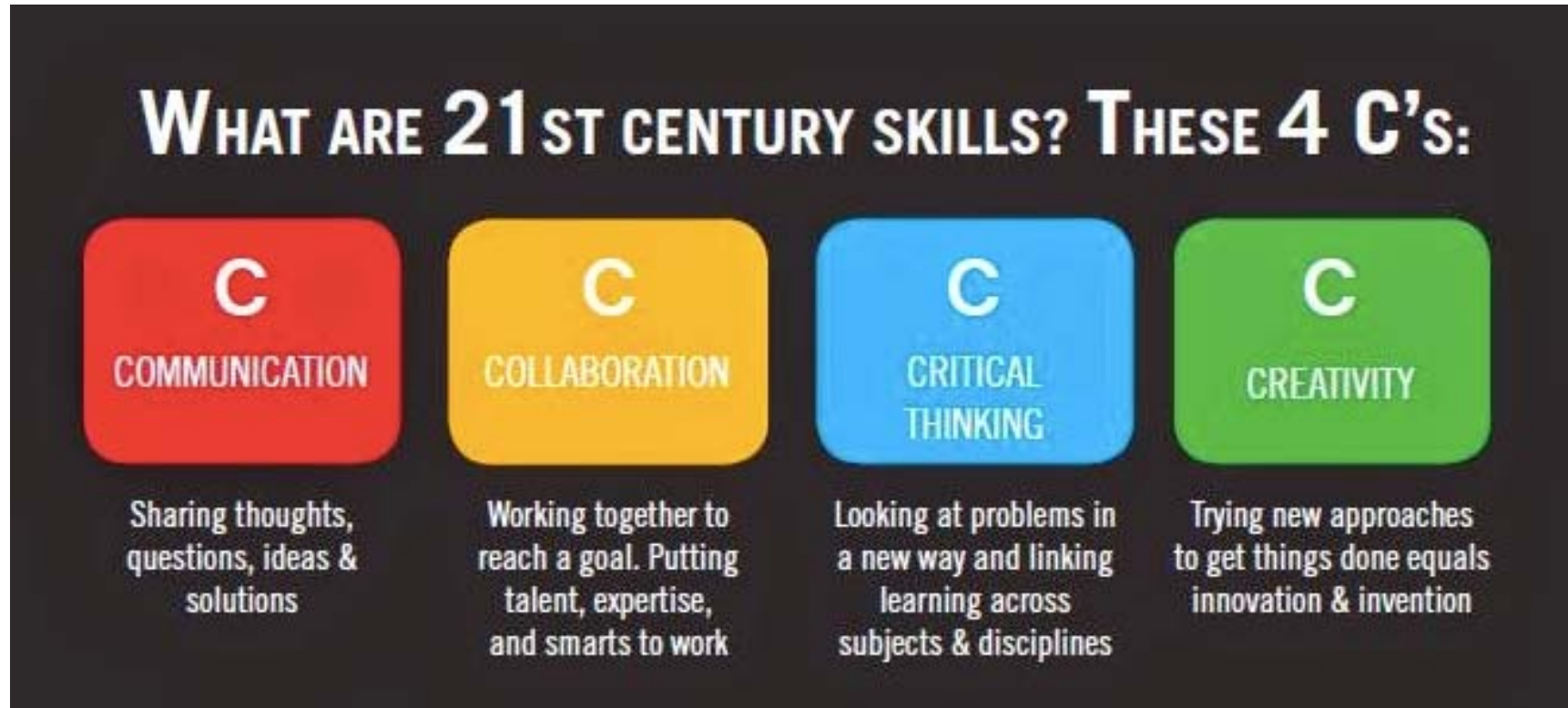
Deeper Learning



SOURCE:
deeperlearning4all.org

...is refocusing education and reshaping classrooms

The 4 C's

An infographic with a dark grey background. At the top, the text 'WHAT ARE 21ST CENTURY SKILLS? THESE 4 C'S:' is written in white, bold, sans-serif font. Below this, there are four colored rounded squares, each containing a white letter 'C' and a skill name in white, all-caps, sans-serif font. Under each square is a short description in white, lowercase, sans-serif font. The squares are: 1. Red square: 'C COMMUNICATION' with description 'Sharing thoughts, questions, ideas & solutions'. 2. Yellow square: 'C COLLABORATION' with description 'Working together to reach a goal. Putting talent, expertise, and smarts to work'. 3. Blue square: 'C CRITICAL THINKING' with description 'Looking at problems in a new way and linking learning across subjects & disciplines'. 4. Green square: 'C CREATIVITY' with description 'Trying new approaches to get things done equals innovation & invention'.

SOURCE: P21 Early Learning Framework

...is refocusing education and reshaping classrooms

Summary of National Trends in K-12 Education



Rising focus on
Social-Emotional
Learning (SEL)



Emphasis on Career
and Technical
Education (CTE)



Technology
integration in the
classroom

...is refocusing education and reshaping classrooms

Education for Global Competence

Forces of Change

- Flattened Global Economy
- Changing Demands of work
- Unprecedented Global Migration
- Climate Instability and Environmental Stewardship



Require Globally Competent Students who:

- ★ Investigate the world
- ★ Recognize perspectives
- ★ Communicate ideas
- ★ Take action

SOURCE: *Educating for Global Competence: Preparing Our Students to Engage the World*

Spaces like this...

Corridor



...are now like this.

Circulation / Collaboration

diverse learning environments for a variety of learning activities and preferences

adaptable spaces and flexible, comfortable furniture

transparency and connectivity



Spaces like this...

Classroom



...are now like this.

Learning Studio



Spaces like this...

Library



...are now like this.

Knowledge Market



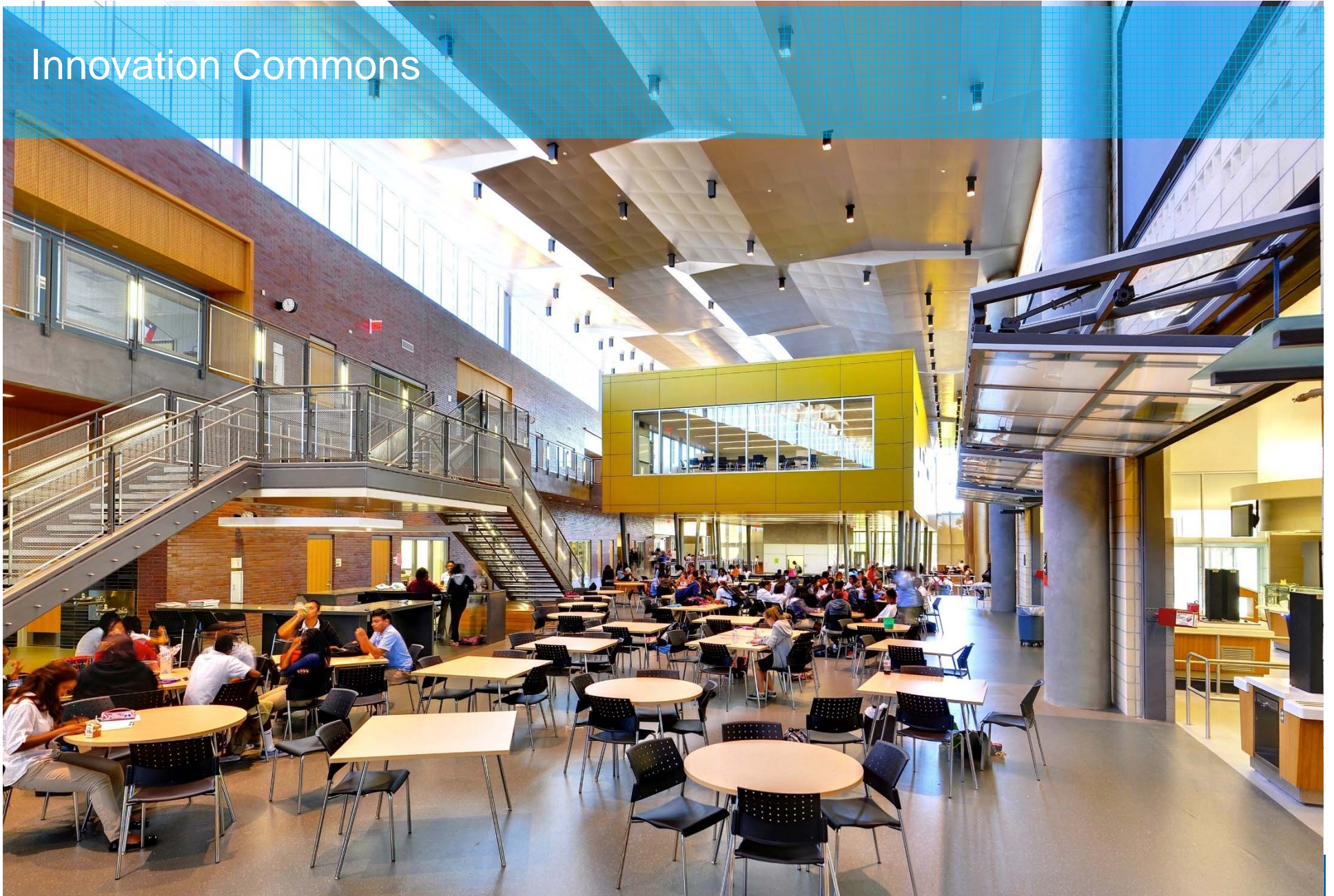
Spaces like this...

Cafeteria



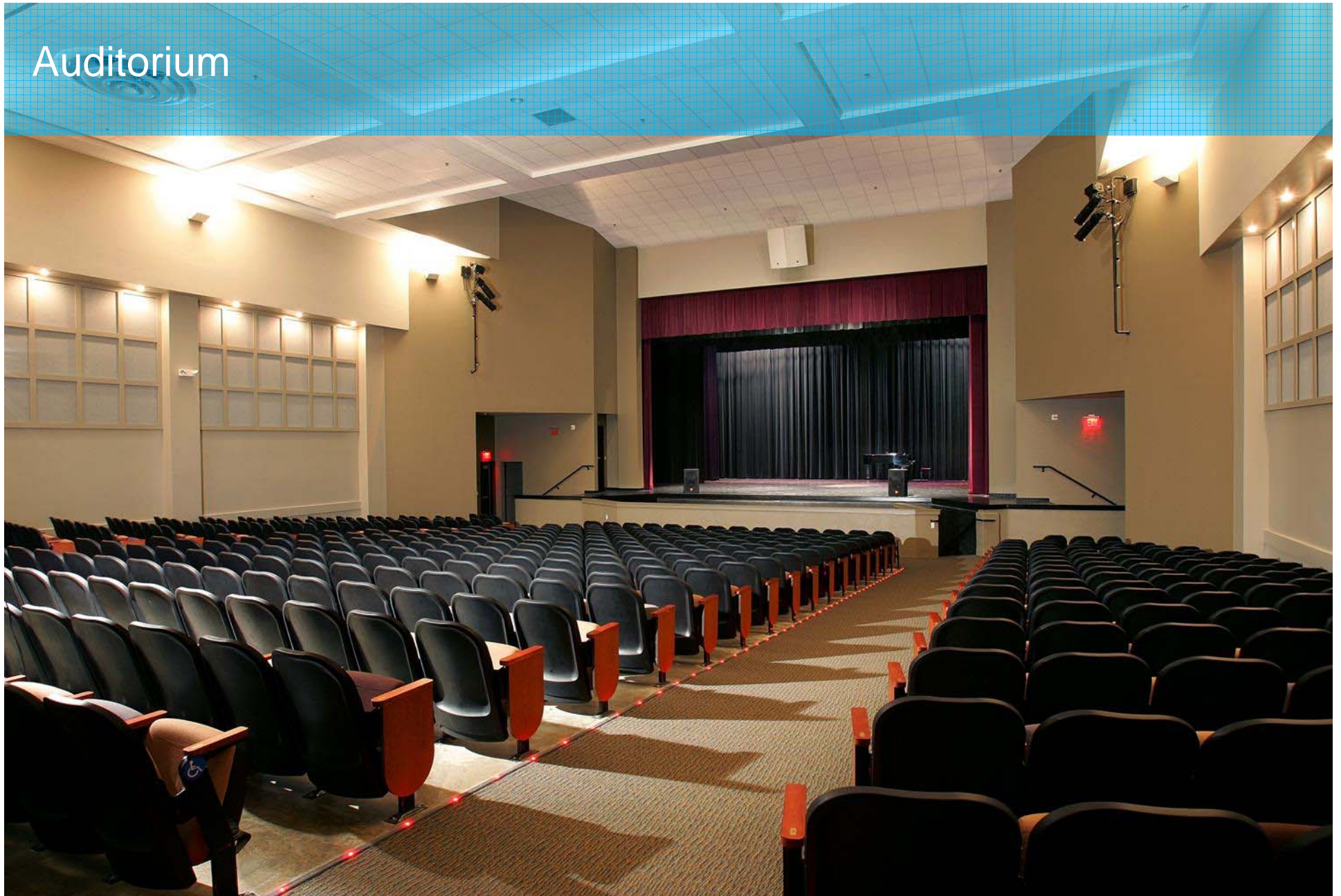
...are now like this.

Innovation Commons



Spaces like this...

Auditorium



...are now like this...

Learning Theater



...and this.

Multi-Use Performance



John Ronan Architects

...and this.

Multi-Use Performance



Spaces like this...

Courtyard



...are now like this.

Outdoor Learning / Lab



What does this mean for schools?

The 10 Principles of Modern Schools

1. Have **clearly articulated and shared beliefs** about learning
2. Live a mission and vision deeply **informed by new contexts** for learning
3. Have cultures where **personal, self-determined learning** is at the center
4. See curriculum as something that is **co-constructed**
5. **Embrace real-world application and presentation** as assessment for learning
6. See **transparency and sharing as fundamental** to a powerful learning environment
7. Use **technology as an amplifier** for learning, creating, making, connecting, communicating, collaborating, and problem solving
8. **Develop and communicate powerful new stories** of learning, teaching and modern schooling
9. **Encourage community wide participation** in the equitable, effective education of children
10. Embrace and **anticipate constant change** and evolution



SOURCE: *Modernlearners.com, 10 Principles for Schools of Modern Learning*

What does this mean for Virginia?

Profile of a Virginia Graduate

In Virginia, the Life Ready Individual Will
During His or Her K-12 Experience:



SOURCE: Virginia Department of Education