

FICCI ARISE Delegation to United States of America

May 14-18, 2018

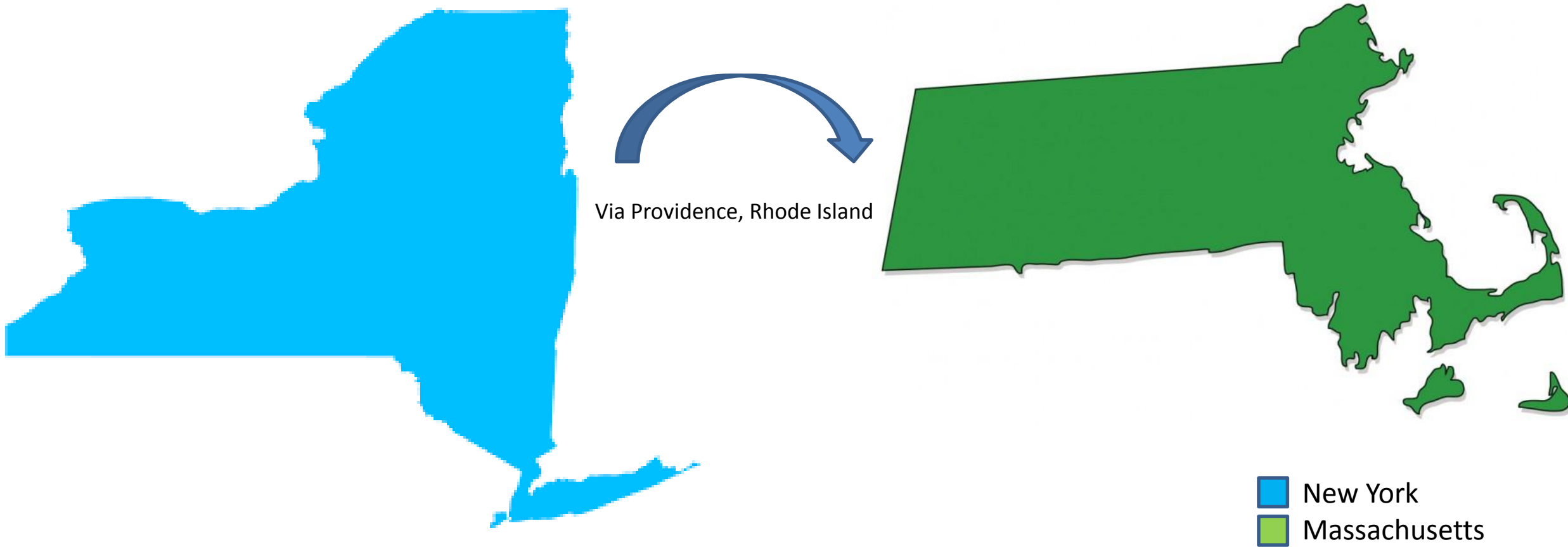


**FICCI ALLIANCE FOR
RE-IMAGINING SCHOOL EDUCATION**

Why USA?

- ❖ Innovative K–12 Schools in America employ revolutionary teaching methods, including flipped classrooms, gamified lessons, phenomenon-based learning, and student-led governance
- ❖ They are broadening technology use with partnerships between engineers and educators
- ❖ Some have instituted groundbreaking curricula that drive learning outside the walls of classrooms and even schools entirely
- ❖ A few have reconceptualized the very idea of a school by creating inspiring learning environments in unexpected places, and by using architectural design to guide learning

States Visited



Snapshot of the Schools visited

Avenues: The World School

Key Services

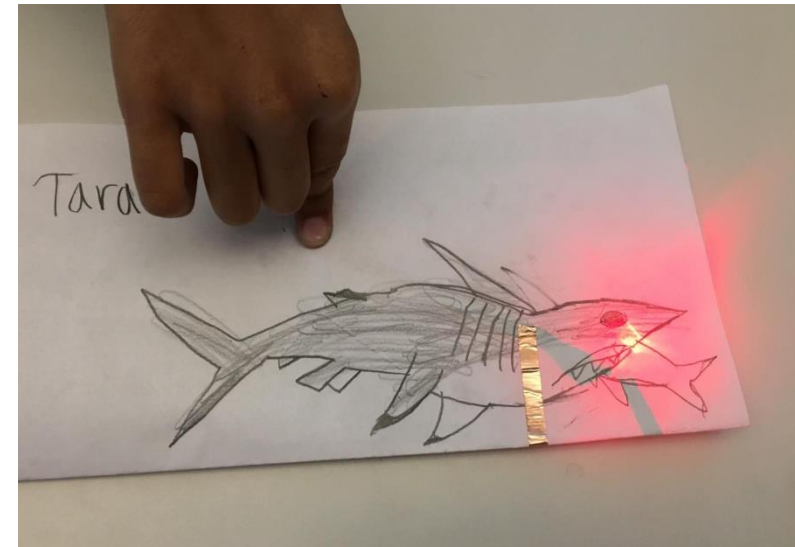
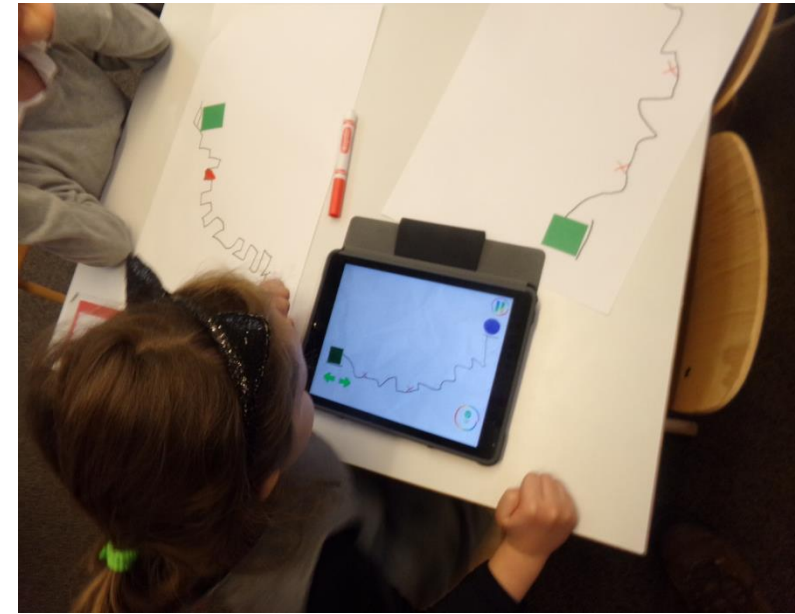
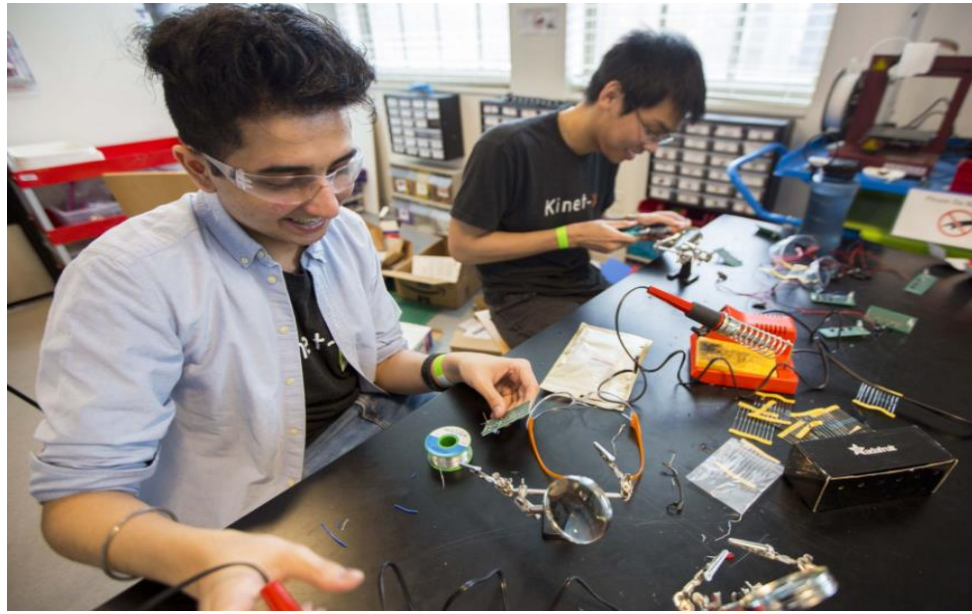
Invested \$60 million for the design and construction of this state-of-the-art school facility

Emphasis on core academic skills and the teaching of ‘strategic languages’

Progressive curriculum featuring “responsive classroom lessons” (in which key values like ‘don’t be afraid’ are modelled rather than taught)

Psychological education prized above physical education, Avenues caters both to the traditionalists and the modern folks

Key Persons at the Meeting: EVAN GLAZER, Head of School



Brooklyn Technical High School

Key Services

The largest and most diverse of the city's specialized high schools, Tech offers an exciting environment for students who like to design, build and work with their hands, most obvious in the workshops and labs of the 18 technical or scientific "majors."

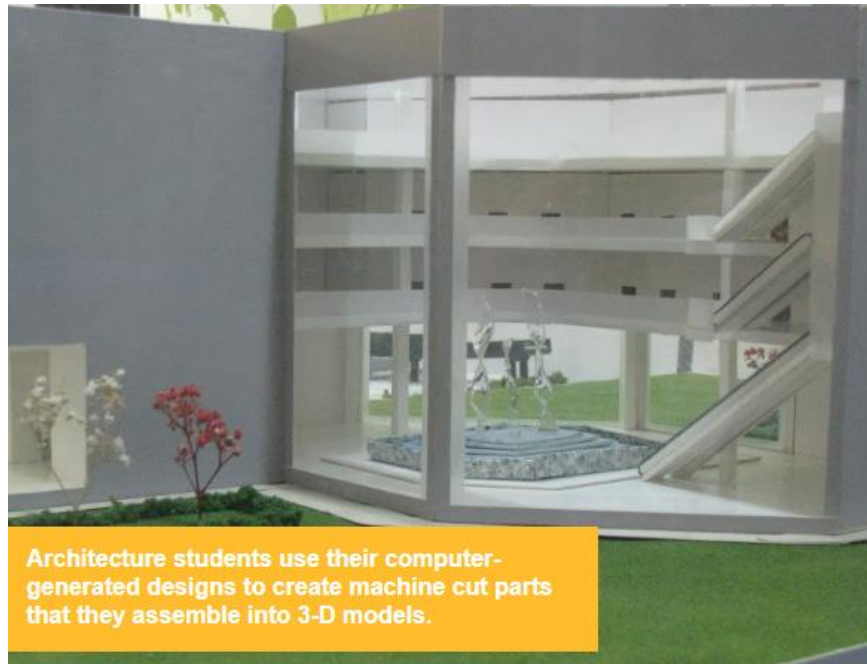
Ranked 12th within New York, 68 in the National Rankings and earned a gold medal

USP: Challenging academics and lots of high tech, hands-on learning

Key Persons at the Meeting: David Newman, Principal, Acting/Gina Paulson, Assistant Principal, Pupil Personnel Services



The school's focus on applied science appeals to students who like to build, tinker and work with their hands.



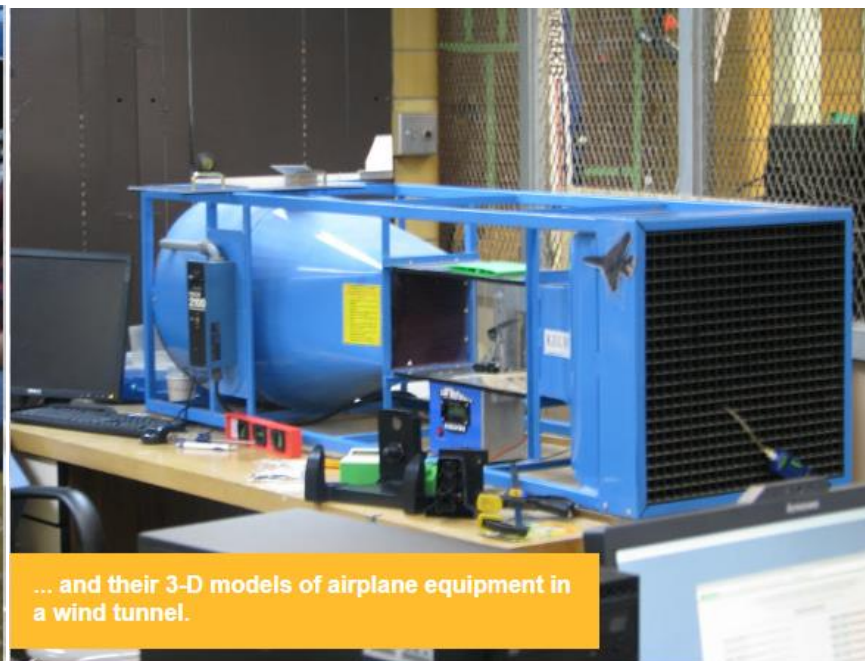
Architecture students use their computer-generated designs to create machine cut parts that they assemble into 3-D models.



In the forensic science lab, law majors use professional-grade microscopes to examine and test "crime scene" evidence such as hair strands.



In the aeronautics lab, students test their virtual designs using flight simulators ...



... and their 3-D models of airplane equipment in a wind tunnel.



The school's powerhouse robotics team routinely places or wins championships with robots ...

Key Services

Aims to help more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT and the Advanced Placement Program

The organization also serves the education community through research and advocacy on behalf of students, educators and schools

Launching India Global Higher Education Alliance(GHEA) to provide a platform for innovative Indian universities, to engage with the world's most prominent universities, to drive access and excellence in undergraduate preparation, recruitment, admission, and enrollment practices

This Alliance will positively impact secondary school students in India, as they prepare to transition from school to higher education.

USP: Explore partnership opportunities through the GHEA Program

Key Persons at the Meeting: Mr David Coleman, CEO, College Board, Mr Jeremy Singer, Chief Operating Officer Mr James Montoya, Chief of Higher Education, Membership, and Governance, Ms Linda Liu Vice President, International

United Nations International School

Key Services

Offers a global curriculum that inspires in the students the spirit and ideals of the United Nations Charter

Provides a positive environment, a dynamic faculty, engaged students, varied and appropriate assessment, the UN mission, and social activism

USP: Inclusive and diverse learning environment

Key Persons at the Meeting: Ms Erin Michelle Threlfall, Service Learning Coordinator at United Nations International School

Key Services

Personalized Learning: Content, instructional technology, and pace of learning are tailored to the abilities and interests of each learner

Dual language immersion (DLI), native Spanish or Mandarin speakers and native English speakers maintain and develop their first language while acquiring native-like communication and literacy skills in a second language

Design technology: Use of a wide range of digital tools, media and learning environments for teaching, learning and assessing

Service Learning: Involve parents, teachers, students and community members around SDG, to seek to work alongside others to find sustainable solutions

Classrooms beyond walls: Engaged, hands-on experiences via weekly field trips to places of historic and academic value that add context and content to their units of study while bringing theory to life

USP: Inclusive and diverse learning environment

Key Persons at the Meeting: Jennifer Jones, Ph.D., Founder, Green Ivy Schools



The Met High School

Key Services

Empowers its students to take charge of their learning, to become responsible citizens and life-long learners.

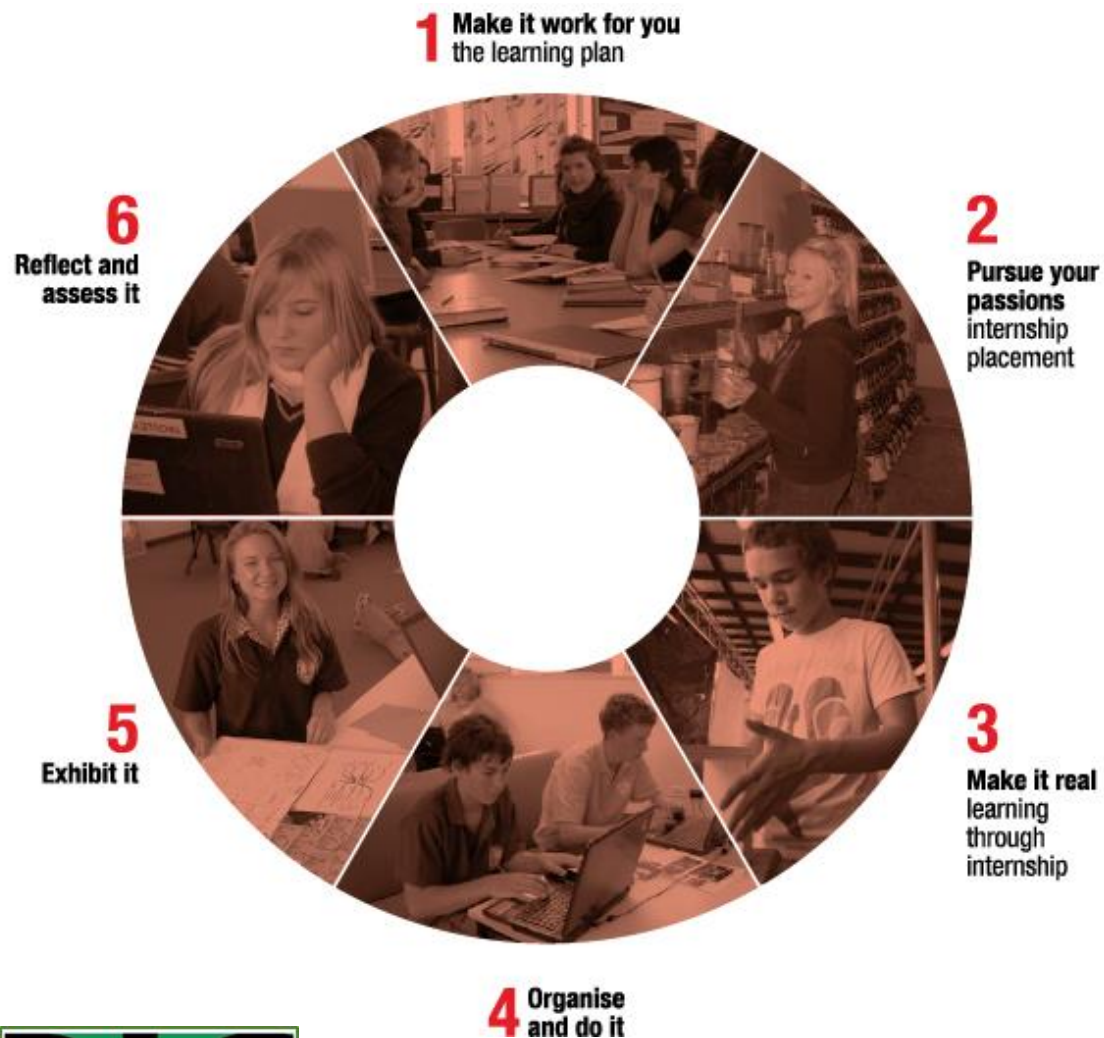
Once at a site, students develop a rigorous project that they can work on with their mentor and back at school with their advisor.

These projects become the foundation for the student's learning plan and provide opportunities for the student to explore and master content, skills, and reasoning.

Hallmarks of a Met education include internships, individual learning plans, advisory, and a breakthrough college transition program.

USP: Each student has a negotiated Learning Plan, based on their interests and passions.

Key Persons at the Meeting: Mr Dennis Littky, Co-founder and co-director of The Met School, co-founder of Big Picture Learning and founder and President of College Unbound, Ms Nancy Diaz Bain, Co-Director, Met, Ms Dana Luria, Position Director of Special Initiatives



Key Sessions

Sessions	Areas of Discussion	Key Persons
EY-Parthenon	Comprehensive understanding of the landscape of public education in the US	Mr Chris Librizzi Managing Director EY-Parthenon
Boston Teacher Residency	Overview of Teacher education- Evolving trends & understand their unique model of teacher preparation	Mr Jesse Solomon, Executive Director, Lilly Siu Elementary Literacy Coach & Marcie
Session on 'School Improvement and How District Administration Works'	K-12 Policies, Practices and Reforms in US over the years What works & What doesn't ?	Seth Racine, Former Deputy Superintendent, Lawrence Public Schools

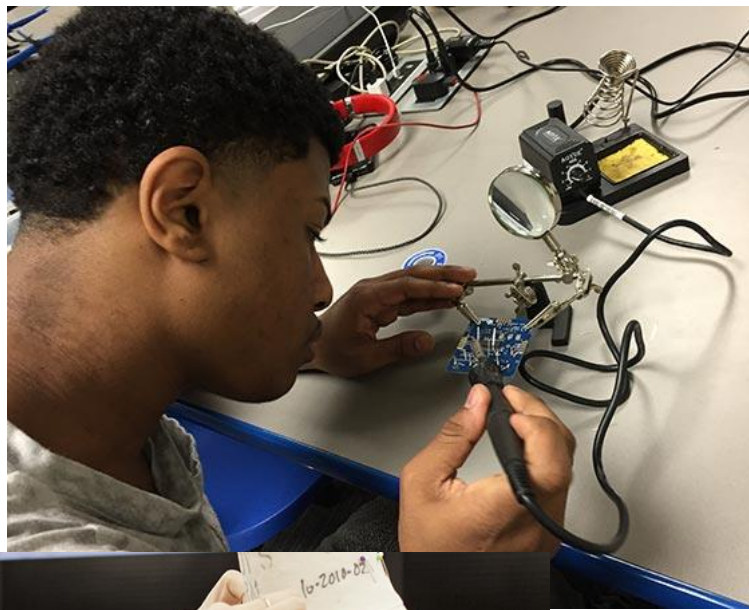
Boston Arts Academy

Key Services

- High-level training for students in dance, music, theater, or visual arts in the context of a college preparatory curriculum
- Individualized attention for each student by experienced, award winning staff
- PSAT and SAT test prep classes
- Success after graduation: an average of 94% of graduates are accepted to college each year
- A full-inclusion high school, offering comprehensive services to deaf and hard of hearing students and students with disabilities
- Dual enrollment available in partner colleges
- STEAM (science/technology/engineering/arts/math) lab to integrate subjects in an inquiry-based, hands-on curriculum in a way that more closely aligns with what students will experience in college

USP: laboratory and a beacon for artistic and academic innovation

Key Persons at the Meeting: Dr Linda F. Nathan, Founding Headmaster, BAA



Henderson Inclusion School

Key Services

- Inclusive school
- Students involved in general education; students with mild, moderate, and significant disabilities; and students considered talented and gifted learn together and from each other.
- The school uses and adapt Massachusetts Mathematical and English Language Arts Curriculum Frameworks to help all students learn and succeed.

USP: Inclusive Education

Key Persons at the Meeting: Principal Patricia Lampron



Phillips Exeter Academy

Key Services

Phillips Exeter Academy has a tradition of academic excellence, a distinguished faculty, and a long history of educating young people to find their place in the world.

The heart of Exeter is its signature Harkness method of instruction.

Exeter is a school for teenagers who want to be surrounded by peers who share their intellectual curiosity and raw excitement about learning

The school is alive with learning: spirited conversations spill out of classrooms and make their way to the playing fields, theater stages, laboratories, the dining halls and the dorms.

USP: Freedom to explore and know their intellect, to challenge themselves in new ways, and enjoy the richness of human interaction.

Key Persons at the Meeting: Head of School



Every classroom at Exeter has a Harkness table, which seats a teacher and 12 students, placing students at the center of the learning process.



Exonians hail from across the United States and around the world.



School spirit runs high at sporting events, thanks in part to the Red Bandits, who lead cheers and stir up the crowds.



We have 60 interscholastic teams in 20 sports, and additional athletic opportunities include club sports, yoga, dance and ultimate frisbee.

Francis W. Parker Charter Essential School

Key Services

Parker is a progressive school which emphasizes learning to use one's mind well and putting the student at the center of the educational process.

Curriculum integrates the academic disciplines in four "Domains" – Arts and Humanities (AH); Mathematics, Science, and Technology (MST); Spanish; and Wellness. Class groups include a multi-age, heterogeneous mix of students who work with teams of teachers toward mastery of common learning criteria.

Parker also is home to the Regional Teachers center (renamed the Theodore R. Sizer Teachers Center on the school's tenth anniversary in 2005). Teachers provide professional help to other teachers, give workshops, and take part in educational conferences.

Key Persons at the Meeting: Colleen Meaney, director of the Theodore R. Sizer Teachers' Center

What does the growth of new school models suggest?

A shared desire for personalization in education

Beyond differentiation of lessons for students of different skill levels, or efforts to help students move at their own pace ... personalized learning promotes 'student agency' —basically, giving students more power through either digital tools or other means, accounting for how they learn best, what motivates them, and their academic goals.

A more significant role for technology and data

In a modern micro-school, there are ways to get good data from each of these venues. And such schools in the future will lean on well-designed software to help adults evaluate where each kid is learning

What does the growth of new school models suggest?

The possibility for efficiency and innovation

Unlike traditional, new age model as a system can generate economies of scale. The conventional way of teaching-learning has become redundant and innovation and accepting change have now become the prerequisites for sustenance in the era of Industry 4.0. The new models allow education systems to become more effective through technology, and have the potential to incubate and scale up innovative ideas.

A generation of parents open to new kinds of education

In USA, millennials are the most likely (75%) among all the generational groups to support school choice.

Millennial employees may want to be part of something new and disruptive



A word cloud containing the following terms: social, share, volunteer, impulsive, incentive, flexibility, cause, outcomes, mobile, impact, peer, inspiration, multicultural, online, and share.

What does the growth of new school models suggest?

Entrepreneur interest and investment in education

Silicon Valley entrepreneurs are convinced that the flexibility and innovation of the tech sphere can be productively and profitably applied to the education sector, which is perceived as sclerotic

- **Bill & Melinda Gates Foundation:** Billions of dollars in education grants
- **Laurene Powell Jobs:** \$50 million for high school education innovation
- **Mark Zuckerberg:** \$100 million for Newark public schools and an investment in AltSchool



FICCI Alliance for Re-Imagining School Education is a collegium of stakeholders who represent different facets of School Education.

Members include several high quality and reputed independent schools from across the country, eminent educators, foundations, civil society representatives, think tanks and technical experts.

Fundamental vision of FICCI ARISE is to become a catalyst in government and private efforts for raising the quality of learning outcomes across schools and to ensure that no child is left behind.

www.ficciarise.org ; info@ficciarise.org

