






Missoula County Public Schools

APPLY Workshops



January 28-February 4, 2014

Missoula County Public Schools

Why Are We Doing This?



Align 21st Century Vision & 20th Century Facilities
Address School Safety & Security
Integrate Technology Upgrades
Prepare for Rising Enrollment/Capacity Challenges
Prioritize Deferred Maintenance in Aging Buildings

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What have we learned?

21st Century Educational Program needs
Safety & Security
Technology Infrastructure
Rising enrollment/distribution
Facility capacity/age/ energy use





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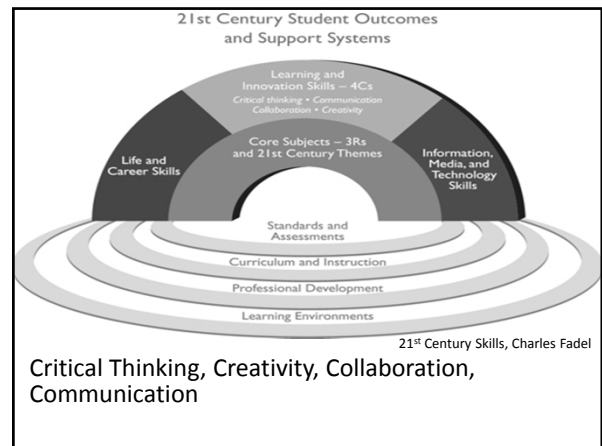
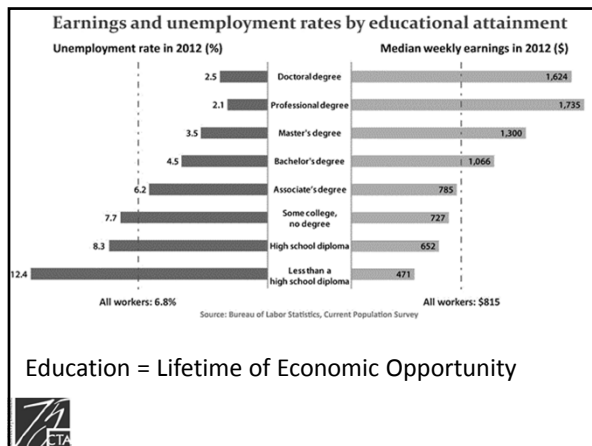
Key Insights from the ASSESS phase:

- Flexibility of spaces, daily schedules, annual school calendars and furnishings
- Engage children and families in early child, pre-kindergarten programs, internships, adult education
- Rising enrollment in the past five years and the next five years represents a ten year cohort that is projected to exceed the capacity existing elementary schools by 2017-18 and middle schools in 2023-24.
- Majority of MCPS school sites and facilities are in need of site improvements as well as upgrades to technology, mechanical and electrical systems.





More people in China speak ESL than US
25% computer based learning by 2014 50% by 2019
Global Economic Impacts/ Instability
Local Security/Global Security
Personal/Social Stress Climate Change
21st Century Skills Normalized Volatility
High Stakes Testing
both/and either/or
Agile Organizations
failure, recovery, persistence
Pace of Change



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Forward Thinking. High Achieving.

Key Insights from the EXPLORE phase:

- 13 inspiring schools from around the world identified as highly effective in supporting MCPS's educational vision
- Education Innovation Teams developed key building program elements focused on teaching and learning
- Guiding principles
- Most effective Learning Modalities included:
 - Project-Based Learning
 - Interdisciplinary Learning
 - One-On-One Teacher/Student Learning
- Creative responses to Range of Options





Break Out Spaces



Columbus Signature Academy, Columbus, IN



Blair Street School, Australia



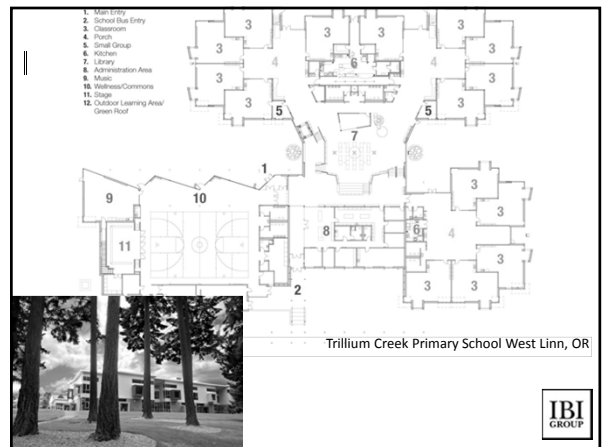
Millbrook Primary School West Linn, OH

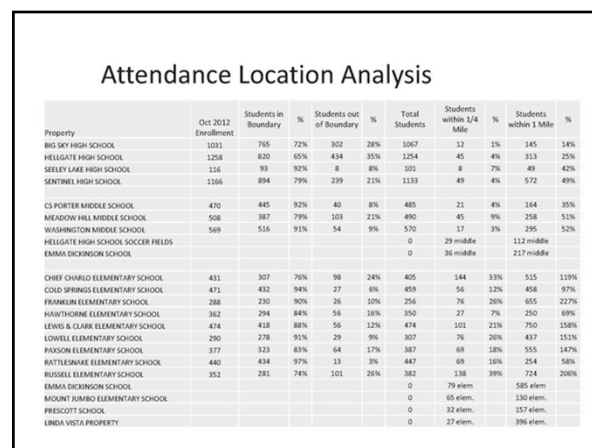



Arcola Community School, Regina, SK



Metro/Mosaic, Columbus, OH









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Total Project Costs

- Renovation, Demolition, New Construction
- IT & Security Cabling
- Furnishings
- Site Development (Sidewalks, Parking, Playfields)
- Site Utilities (Water, Sewer, Electric, Gas, Telephone)
- Fees & Expenses
- Site Acquisition
- Commissioning
- Permits, Advertising, Material Testing, OCR
- 20% Contingency
- 3% Annual Inflation to January 2017






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Ratio & Ranking

0-10%	Good
11-25%	Fair
26-50%	Poor
>50%	Replace

Ratio = Cost of Project divided by Replacement Cost, resulting in ranking of condition. A low cost of project typically reflects "Good" condition. A high project cost is likely to result in "Poor" or "Replace"

Refer to ranking for Guiding Principle #12






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Your Tasks

- What Works? What Could Be Better? What's Missing?
- Review Utilizing Guiding Principles
 - Highly Effective
 - Moderately Effective
 - Not Effective
- Combination/Mash Up
- Top Two Options
- Pilot Project



	Guiding Principle 1	Guiding Principle 2	Guiding Principle 3	Guiding Principle 4	Guiding Principle 5	Guiding Principle 6	Guiding Principle 7	Guiding Principle 8	Guiding Principle 9	Guiding Principle 10	Guiding Principle 11	Guiding Principle 12	Guiding Principle 13	Guiding Principle 14	Guiding Principle 15	Guiding Principle 16	Guiding Principle 17	Guiding Principle 18	Guiding Principle 19	Guiding Principle 20
Guiding Principle 1: Vision and Mission																				
Guiding Principle 2: Strategic Planning																				
Guiding Principle 3: Governance																				
Guiding Principle 4: Financial Management																				
Guiding Principle 5: Human Resources																				
Guiding Principle 6: Information Technology																				
Guiding Principle 7: Facilities																				
Guiding Principle 8: Transportation																				
Guiding Principle 9: Safety																				
Guiding Principle 10: Community Relations																				
Guiding Principle 11: Environmental Stewardship																				
Guiding Principle 12: Legal Compliance																				
Guiding Principle 13: Risk Management																				
Guiding Principle 14: Quality Improvement																				
Guiding Principle 15: Data Management																				
Guiding Principle 16: Research and Innovation																				
Guiding Principle 17: Professional Development																				
Guiding Principle 18: Communication																				
Guiding Principle 19: Public Engagement																				
Guiding Principle 20: Evaluation and Assessment																				