

Berlin Central School District Superintendent Town Meetings

Information Session

November 22, 2011

Dr. Stephen Young

Presentation Overview

1. BCSD - A 21st Century Learning Community
2. Information About the Proposed Construction Bond

How does your day start?

Did you ever have one of
these days?

Do not start something
unless you know the
intended outcome.

What school did they attend?

Critical Thinkers

and

Problem Solvers?

Work together to solve the simple
problems first! Use common
sense!

BSCD – A 21st Century Learning Community

Overview

- Berlin School District Comparison
- High Achieving District Guiding Principles
- 2011 BCSD Achievements Results
- The World has Changed
- 21st Century Teaching and Learning
- The World of Education has Changed
- We're All in It Together

High Achievement Districts

- Coherent Set of Standards and Curriculum
- Highly Qualified Teachers
- Formal System of Assessment and Accountability
- Adequate Instructional Time
- Equal Access to Resources
- School Culture that Encourages Learning
- Professional Learning Communities
- Facilities Infrastructure that Supports Learning

2011 School District Rankings

Capital Region

albanybusinessreview.com/feature/schools-2011

Top 10 Districts

1. Bethlehem Central
2. Voorheesville Central
3. Niskayuna Central
4. North Colonie Central
5. Burnt Hills-Ballston Lake Central
6. Guilderland Central
7. Shenendehowa Central
8. East Greenbush Central
9. Saratoga Springs City
10. Lake George Central

Bottom 10 Districts

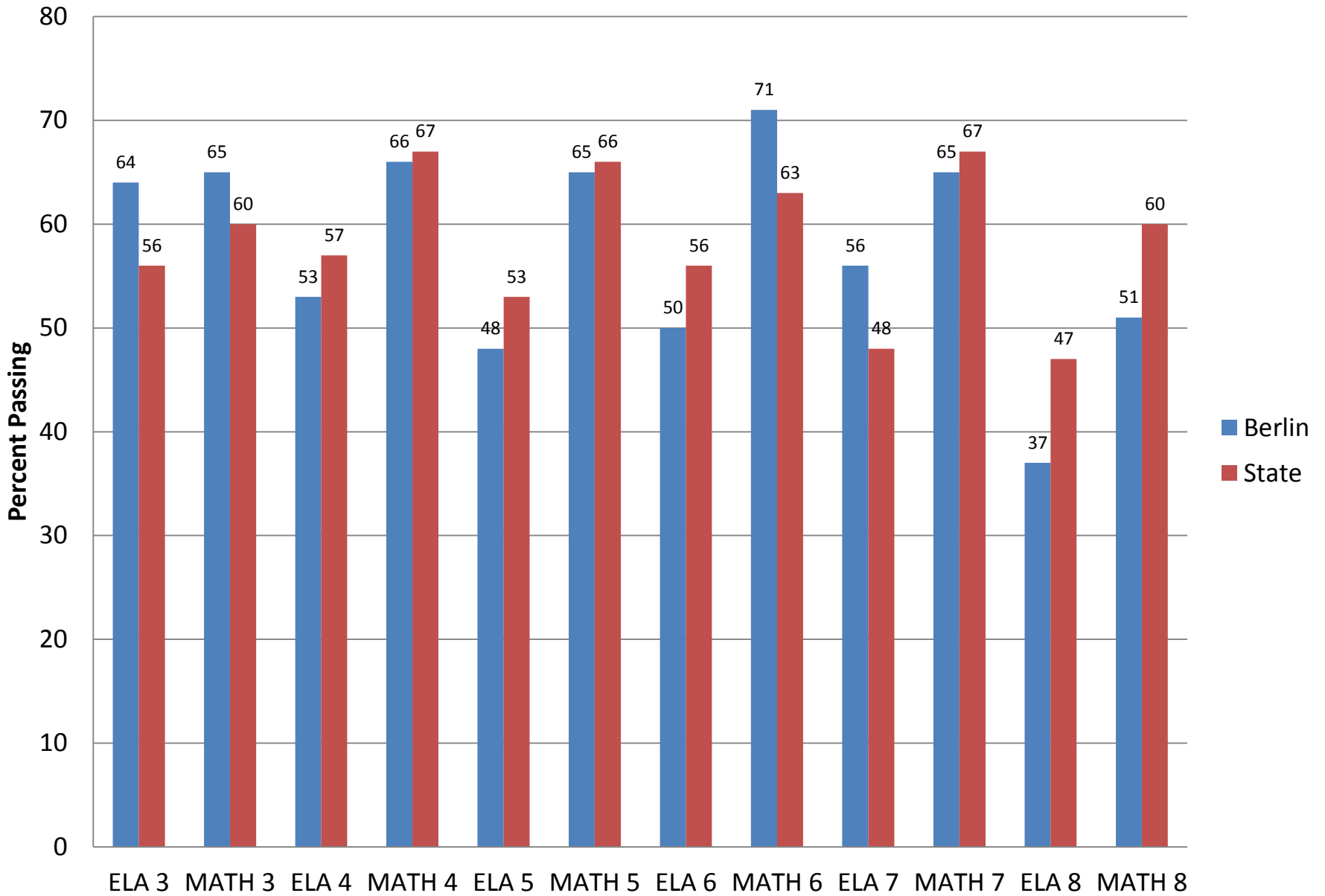
76. Rensselaer City
77. Lansingburgh Central
78. Cairo-Durham Central
79. Gloversville City
80. Amsterdam City
81. Oppenheim-Ephratah Central
82. Troy City
83. Hudson City
84. Schenectady City
85. Albany City

How do we compare to the 85 districts
in the region in
student achievement?

74TH IN 2011

BCSD 2011 Achievement Data

2011 ELA and Math Results





2009-10 Grades 3 - 8 English Language Arts and Mathematics A

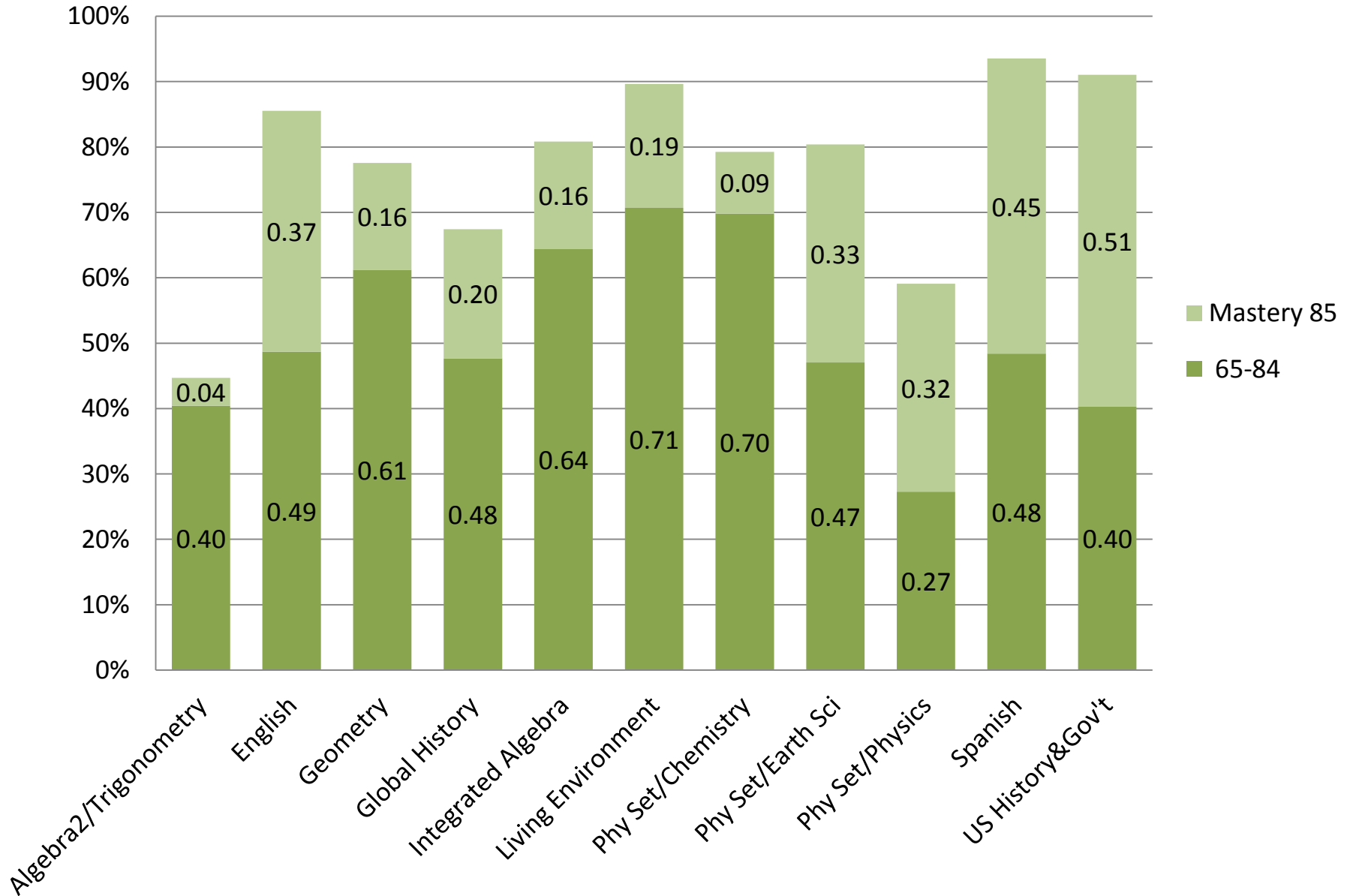
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NAME: Berlin Central School District

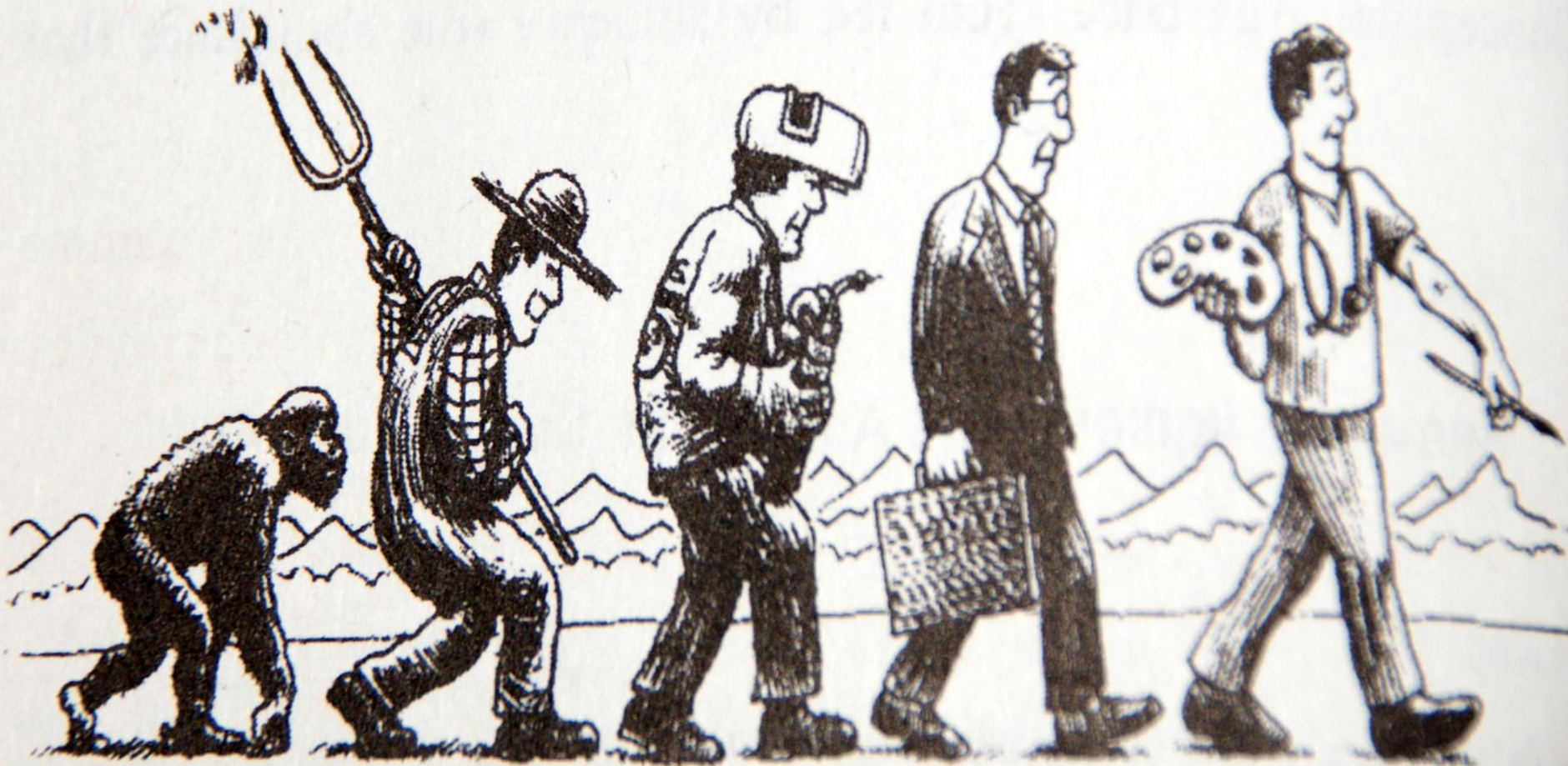
<i>Changed</i>	SUBJECT	# Tested	% Level 1	% Level 2	% Level 3	% Level 4
	Grade 3 ELA	72	12.5	31.9	34.7	20.8
	Grade 3 Math	72	9.7	26.4	44.4	19.4
	Grade 4 ELA	67	16.4	28.4	46.3	9
	Grade 4 Math	67	16.4	23.9	37.3	22.4
*	Grade 5 ELA	66	7.6	42.4	39.4	10.6
*	Grade 5 Math	66	4.5	16.7	51.5	27.3
*	Grade 6 ELA	61	8.2	27.9	63.9	0
*	Grade 6 Math	61	3.3	29.5	39.3	27.9
*	Grade 7 ELA	76	10.5	43.4	35.5	10.5
*	Grade 7 Math	76	9.2	19.7	46.1	25
	Grade 8 ELA	56	10.7	46.4	35.7	7.1
	Grade 8 Math	56	12.5	41.1	41.1	5.4

BEDS Code: 490101040001

2011 Regents Results



Evolution of the Workforce



The World has Changed

Did You Know

and

Shift Happens

21st Century

Subject Areas and Content

Core Subjects

- ✓ Economics
- ✓ English
- ✓ Government
- ✓ Arts
- ✓ History
- ✓ Geography
- ✓ Reading or Language
- ✓ Mathematics
- ✓ Science
- ✓ World Languages
- ✓ Civics
- ✓ Physical Education

Emerging 21st Century Content Themes

- & Global Awareness
- & Information Literacy
- & Financial Literacy
- & Economic Literacy
- & Business Literacy
- & Entrepreneurship Literacy
- & Civic Literacy
- & Health Literacy
- & Environmental Literacy

BCSD – A 21st Century Learning Community

- BCSD Needs to Improve Student Achievement Results
- Raising Student Achievement Requires a Long-Term Commitment by All Stakeholders
- Creative and Innovative Programs Transform Schools

21st Century Learning

- Core Curriculum
- Enduring Understandings
- Multiple Assessments
- Project-based Learning
- Differentiated Instruction
- Interdisciplinary
- Real World Application
- Learning Teams
- Critical Thinking
- Creativity
- Communication
- Collaboration
- Cross-Cultural
- Career Learning
- College Readiness
- Computing Literacy

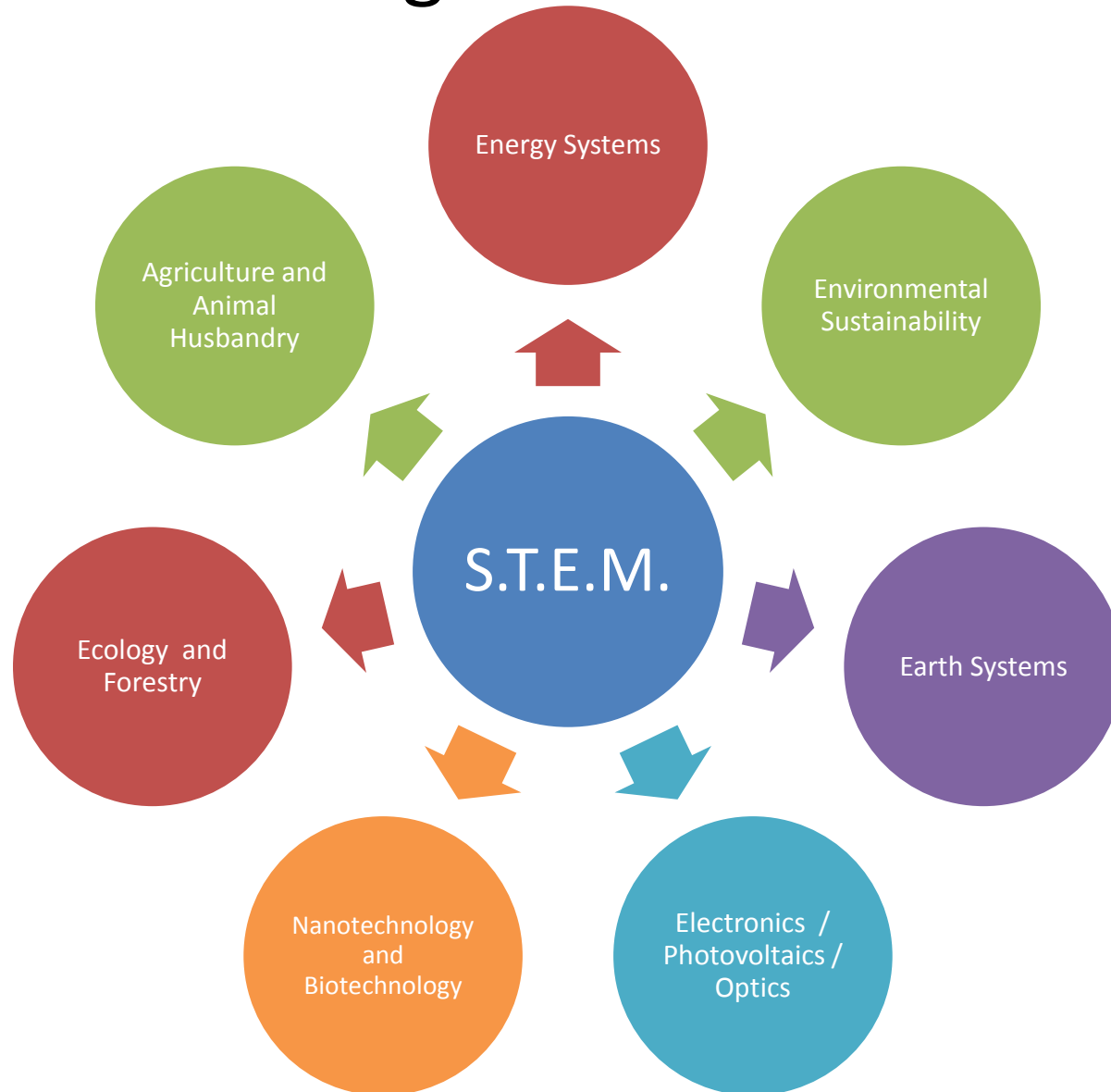
The World of Education has Changed

20th Century Education

vs.

21 Century Education

Thinking Outside of the Box



It takes a Community
to Educate a Student



FUJIFILM
FORTIS
3056

FORTIS
7027

FORTIS
607

FORTIS
140

NW
FORTIS
3875

FORTIS
5380

THOR
FORTIS
2836



Teachers

Board of Education

Parents/
Guardians

Clerical Staff

Administrators

Transportation

Business Office

Buildings and Grounds

Support Staff

Community Groups

Students

Civic /
Religious
Groups

BCSD

A 21st Century Learning Community

- Teams Work Together for All Students
- Teams Identify Goals for 21st Century Learning
- Teams Use Research and Data to Make Decisions
- Teams Take Risks
- Teams use Creativity and Innovation to Design Interdisciplinary Curricula / Courses
- Teams Share Best Classroom Practices
- Teams Raise Student Achievement

Together the BCSD Team Can Make A Difference!

A 21st Century Team is Being
Established within the Berlin
Central School District

Are You Interested?

Berlin Central School District

FACILITIES RENOVATIONS

BCSD PROPOSED CAPITAL PROJECT



BERLIN CENTRAL SCHOOL DISTRICT
Proposed Capital Project *September 20, 2011*



PROJECT GOALS

- Maintain existing buildings to provide a positive learning environment.
- Address major deficiencies identified in the Building Conditions Survey (BCS).
- Propose a project without adding to the local tax levy.

BSCD Prior Building Projects

- 1989 – Berlin MS/HS Additions
- 2004 – Energy Performance Contract
- 2009 – 19.7 Million Construction Project
(Proposed but Overwhelmingly Failed)
- 2010 – BES Stabilization Project

Photos







Berlin Elementary School

- Proposed Exterior Work
 - Replace Windows
 - Replace Exterior Doors
 - Partial Masonry Restoration
 - Reconstruct Main Portico
 - Partial Roofing
 - Repair/Replacement

Berlin Elementary School

- Proposed Interior Modifications
 - Provide Elevator
 - Reconstruct Area Around Elevator Including Adding Handicapped Accessible Toilet Rooms
 - Asbestos and Lead Abatement to Accommodate Other Work
 - General Construction associated with Mechanical Systems

Berlin Elementary School

- Proposed HVAC Improvements
 - Replace Ventilation Air Handlers
 - Replace Heating Units in Walls
 - Replace Toilet Room Exhaust Fans
 - Replace Second Boiler
 - Provide Mechanical Ventilation in Art Room

Berlin Elementary School

- Proposed Electric Improvements
 - Upgrade Original Wiring
 - Upgrade Electric Service
 - Replace Panel Boards
 - Upgrade Emergency Lighting

Berlin Elementary Costs / Funding

- Estimated Project Costs: \$3.95 Million
- Funding Sources:
 - Capital Reserve Fund
 - State Building Aid
- Local Tax Levy: \$0

Berlin Middle School / High School

- Proposed Exterior Work
 - Masonry Restoration
 - Storm Water Management
 - Replace 1989 Roofing
 - Recoat/Repair Spray Foam Roofing

Berlin Middle School / High School

- Proposed Interior Renovations
 - Remove Stage in Cafeteria
 - General Construction associated with Mechanical Work

Berlin Middle School / High School

- Proposed Mechanical Improvements
 - Replace Exhaust Fans
 - Replace Cafeteria Air Handler
 - Upgrade Ventilation in 1989 Addition
 - Replace Non-Functioning Boiler
 - Provide DDC Controls
 - Provide Automatic Gas Shut Off in Science Rooms

Berlin Middle School / High School

- Proposed Electric Improvements
 - Provide Smoke Detectors in Storage rooms
 - Upgrade Emergency Lighting
 - Upgrade Electric Panels

Berlin Middle School / High School

- Estimated Project Costs: \$2.875 Million
- Funding Sources:
 - Capital Reserve Fund
 - State Building Aid
- Local Tax Levy: \$0

Total Cost and Aid Summary

- Berlin Elementary \$3.950 Million
- Berlin MS/HS \$2.875 Million
- Total Estimated Costs \$6.825 Million
- Funding Sources
 - Capital Reserve Fund \$1.800 Million
 - State Building Aid \$5.100 Million
- Local Tax Levy: \$0
- Note: Costs include construction costs and incidental costs.

Proposed Schedule

- September BOE Meeting – Initial Presentation
- October BOE Meeting – Authorize Vote
- December 13, 2011 – Public Vote
- Fall 2012 – SED Submission
- Spring 2013 – Bid and Award
- Summers 2013 and 2014 - Construction

Questions?