

Iroquois West CUSD 10



# Bringing the Future Into the Present

# DISCOVERY

Community Engagement Session #1



# **Dr. Linda Dvorak**

Superintendent

Iroquois West CUSD 10

# AGENDA

- Facility Planning Process
- Where We Are Now
  - Small Group Activity
- Where We Want to Go
- How Do We Get There
  - Small Group Activity
- Questions/Comments



# PROCESS

## for Developing a Facilities Master Plan



# COMMUNITY ENGAGEMENT SCHEDULE



## **CES #1**

**Discovery**



**Middle  
School  
(Onarga)**

## **CES**

**#2**

**Building  
Solutions**



**Middle  
School**

## **CES #3**

**Options  
Forum**



**Middle  
School  
(Onarga)**

**Presentation  
to the  
Board of  
Education**

**All community engagement sessions 6:00–8:00pm**

# COMMUNITY ENGAGEMENT SCHEDULE

**17**  
**OCT**

**Community Meeting #1:  
Discovery**

**12**  
**DEC**

**Community Meeting #2:  
Building Solutions**

**13**  
**FEB**

**Community Meeting #3:  
Options Forum**

**13**  
**MAR**

**Presentation  
to the Board  
of Education**

**All community  
engagement sessions  
6:00–8:00pm at the  
Middle School in Onarga**

# CITIZEN'S LEADERSHIP COMMITTEE

D.J.Harris

Patrick Miller

Greg Zick

Kasey Kanosky

Katie Fowler

Carrie Miller

Matt Clark

Clint Perzee

Amy Miller

Heather Frank

Stacy Connor

Vicki Killus

Rodger Bennett

Dave Haase

# Where We Are Now







- Align facilities with educational programs
- Address planning considerations for the future
- Building capacity and enrollment projections
- Physical needs and educational adequacy
- Fiscal capacity

# PHYSICAL NEEDS ASSESSMENT

Electrical

Exterior Wall

Fire  
Detection

HVAC

Interior

Lighting

Plumbing

Roof

Site

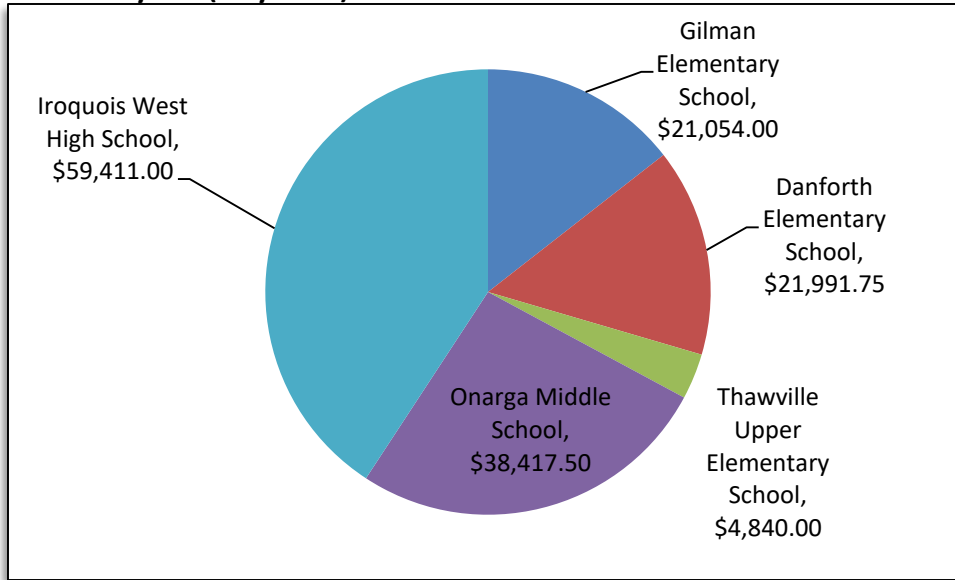
Building  
Envelope

School  
Security

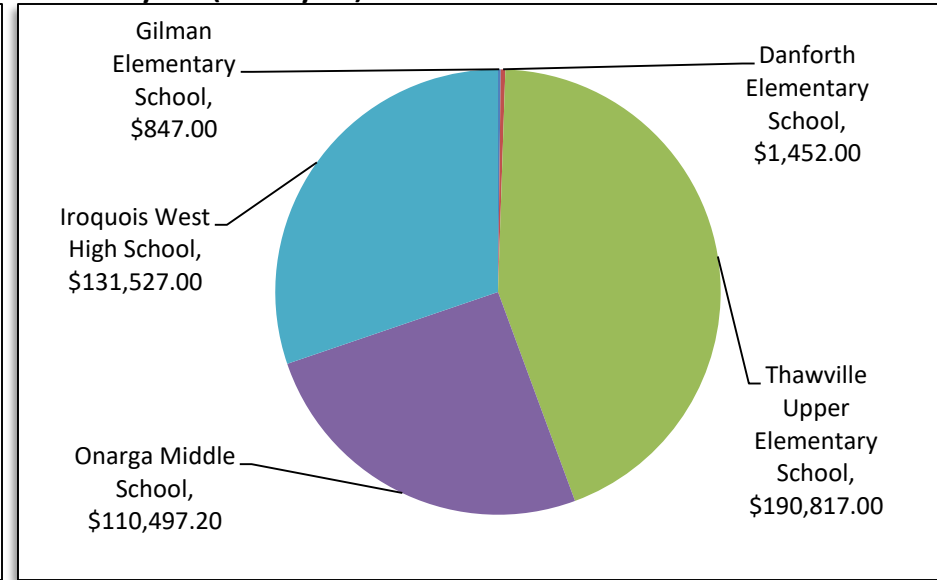
Code  
Compliance

# HEALTH/LIFE SAFETY (HLS) ASSESSMENT

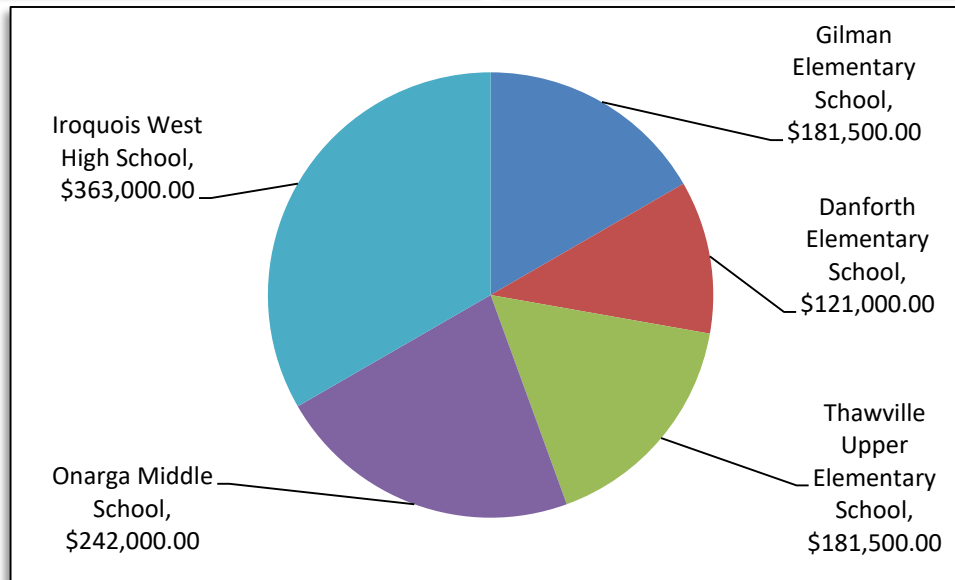
Priority A (1 year)



Priority B (2-5 yrs)



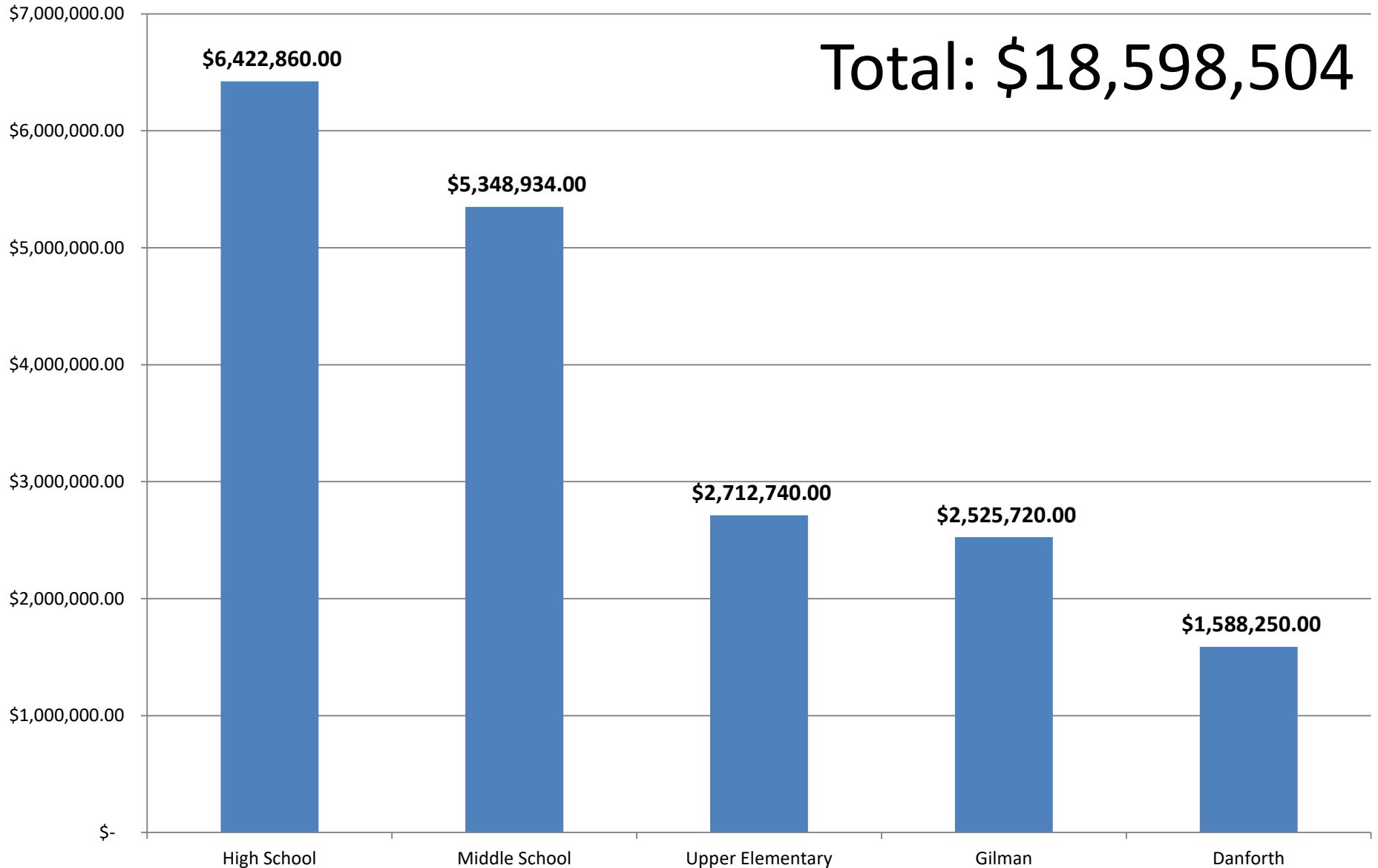
Priority C (6-10yrs)



# Physical Needs – Continued “D Items”

- **IWHS (69,000sf)**
  - HVAC, Plumbing, Roofs, Asbestos, Floors, Ceiling/Lighting
    - \$5.5MM - \$6.5MM
- **IWMS (62,000sf)**
  - HVAC, Plumbing, Roofs, Doors, Asbestos, Floors, Ceiling/Lighting
    - \$4.5MM - \$5.5MM
- **IWUES (25,700sf)**
  - HVAC, Plumbing, Roofs, Asbestos, Floors, Ceiling, Doors
    - \$2MM - \$3MM
- **Gilman Elem. (28,000sf)**
  - HVAC, Plumbing, Asbestos, Roofs, Floors, Ceiling/Lighting, Doors
    - \$2MM - \$3MM
- **Danforth Elem. (17,000sf)**
  - HVAC, Plumbing, Roofs, Asbestos, Floors, Ceiling/Lighting
    - \$1MM - \$2MM

# TOTAL PHYSICAL NEEDS (A-D)



# SCHOOL FACILITY EDUCATIONAL ADEQUACY ASSESSMENT



the school  
site



safety and  
security



building  
systems



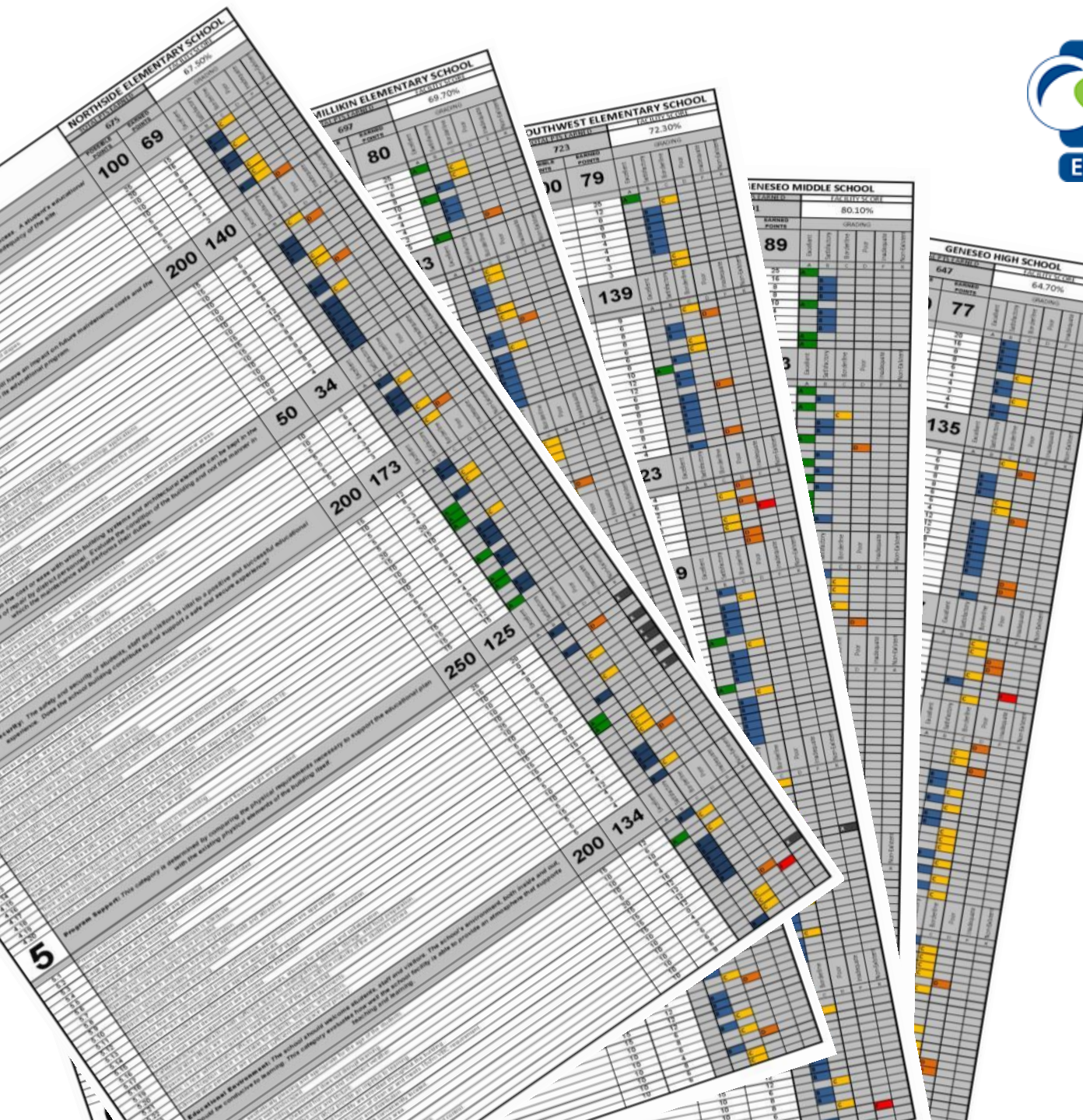
program  
support



maintainability



educational  
environment



**A**  
 Excellent

**B**  
 Satisfactory

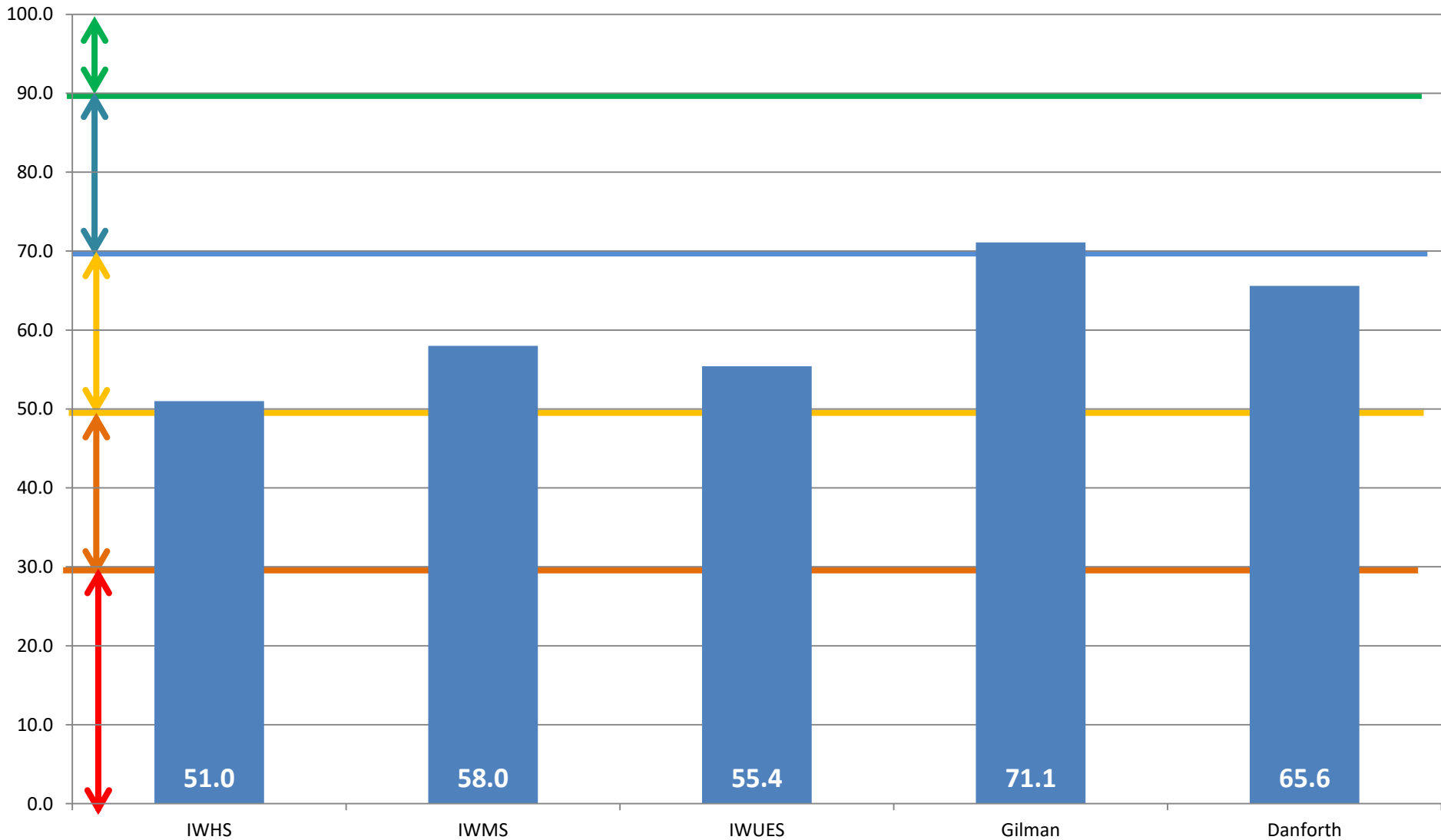
**C**  
 Borderline

**D**  
 Poor

**F**  
 Failing

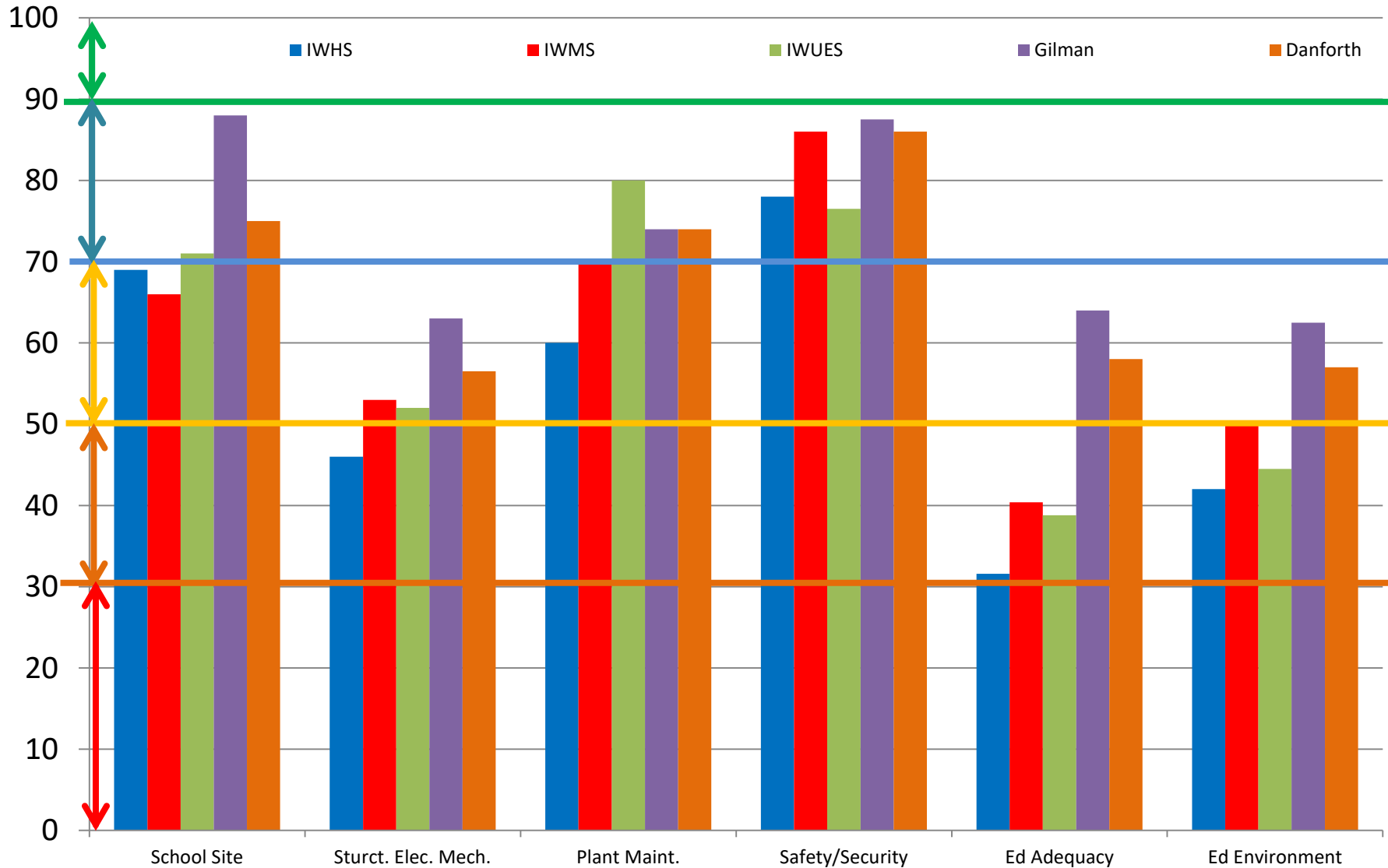
**X**  
 Non-Existent

# Functional Adequacy





# Functional Adequacy



# **Small Group Work Activity**

# Small Group Work Activity

## Select a Recorder and Facilitator

### *Recorder Responsibilities –*

- Complete the information on the group's worksheet

### *Facilitator Responsibilities—*

- Facilitate discussion
- Keep group focused/on task
- Report group's information

# Small Group Worksheet

- Information on worksheet should reflect consensus/general agreement of group members
- Monitor progress to complete the worksheet in allotted time
- Only group recorder's worksheet will be collected



# Group Activity Questions

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1

What did you learn that  
**surprised** you?

2

In 3 words, how do you think  
a visitor would describe our  
**current**  
district facilities?

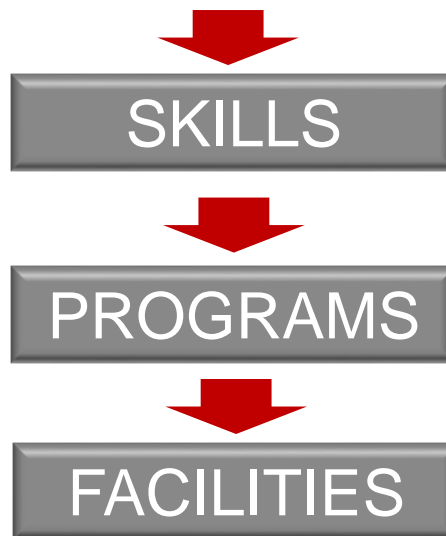
# **Small Group Work Activity Reporting**

# Where We Want to Go



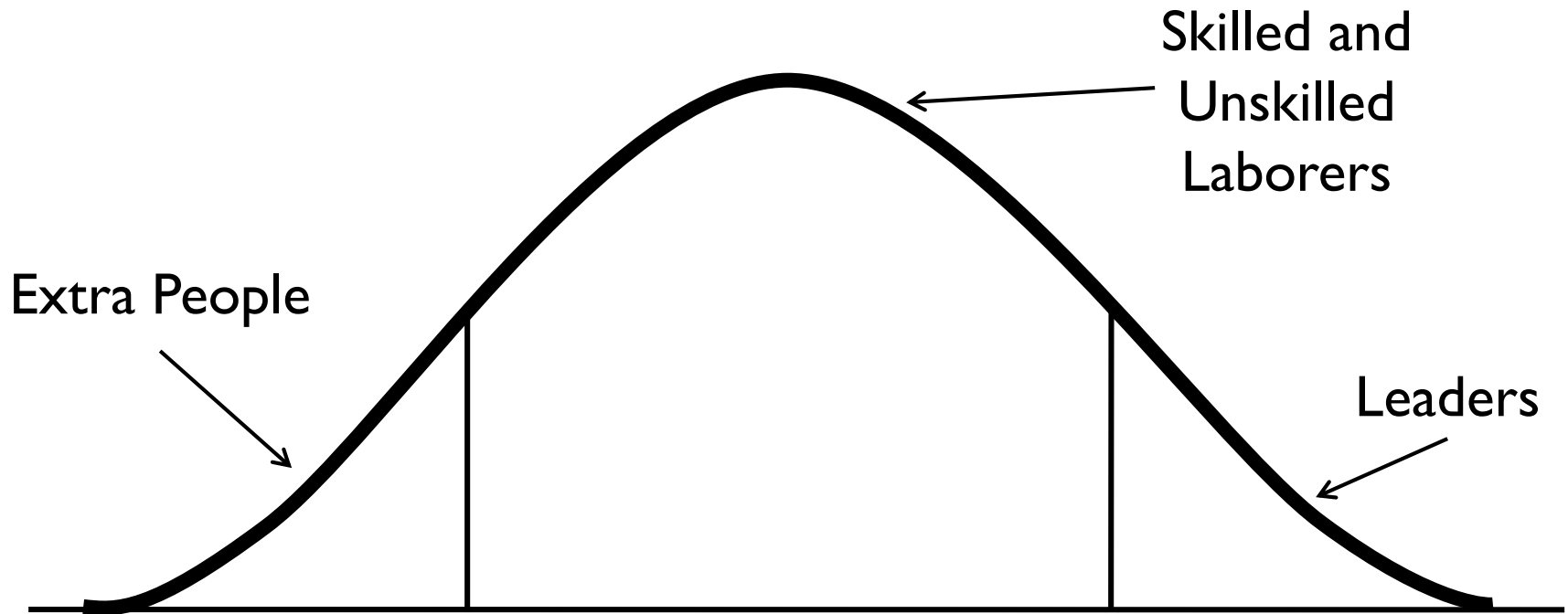


## 21<sup>ST</sup> CENTURY LEARNING ENVIRONMENTS





# Yesterday's Educational Approach: The Factory Model



The Bell Curve of Results

Do you know what our  
kids know?

And for the first time in history, we have **4 generations** working side by side...



Traditionalist

Boomer

Gen X

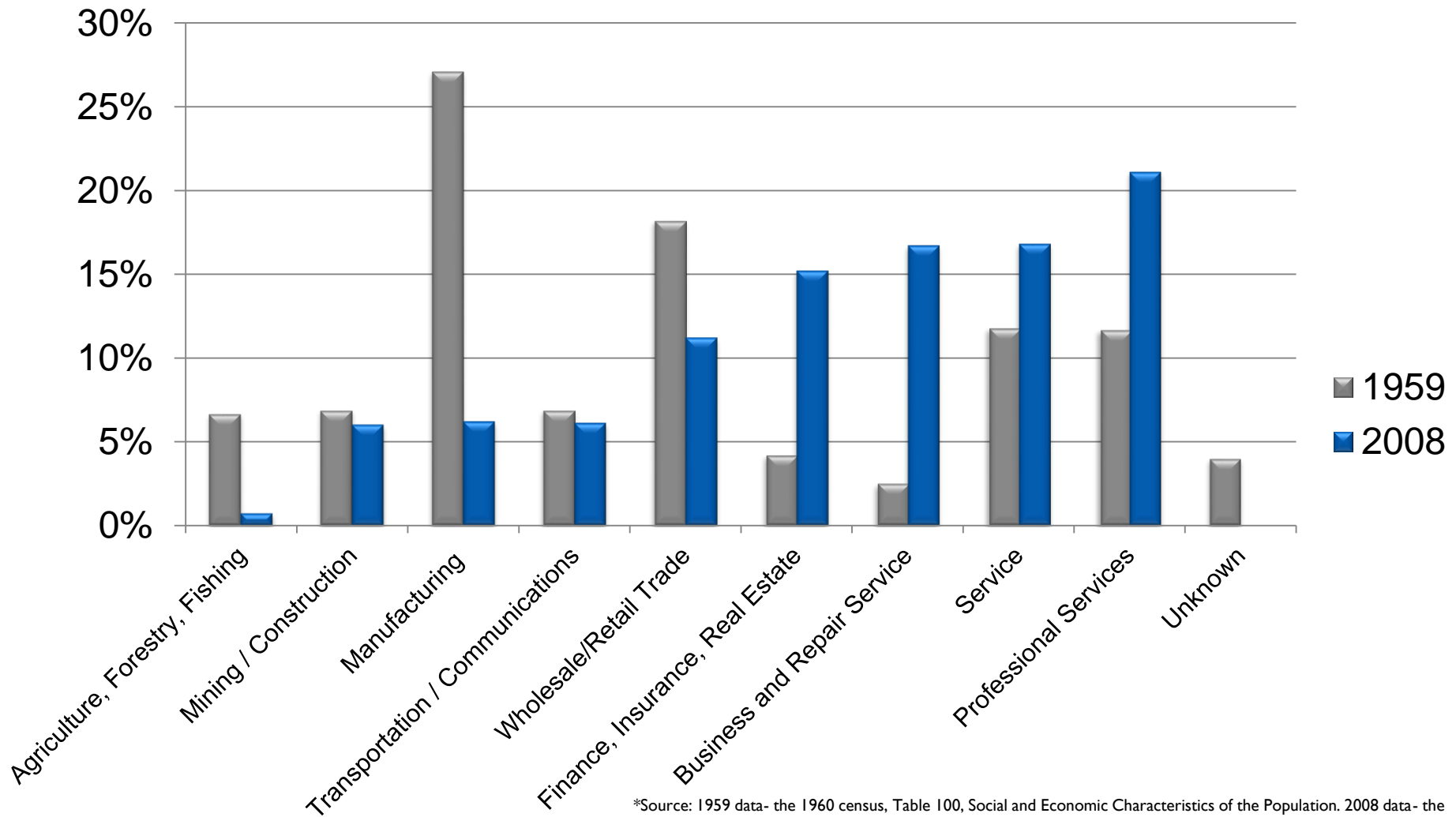
Millennial

What are the two or three biggest changes in society in the last 25-30 years?



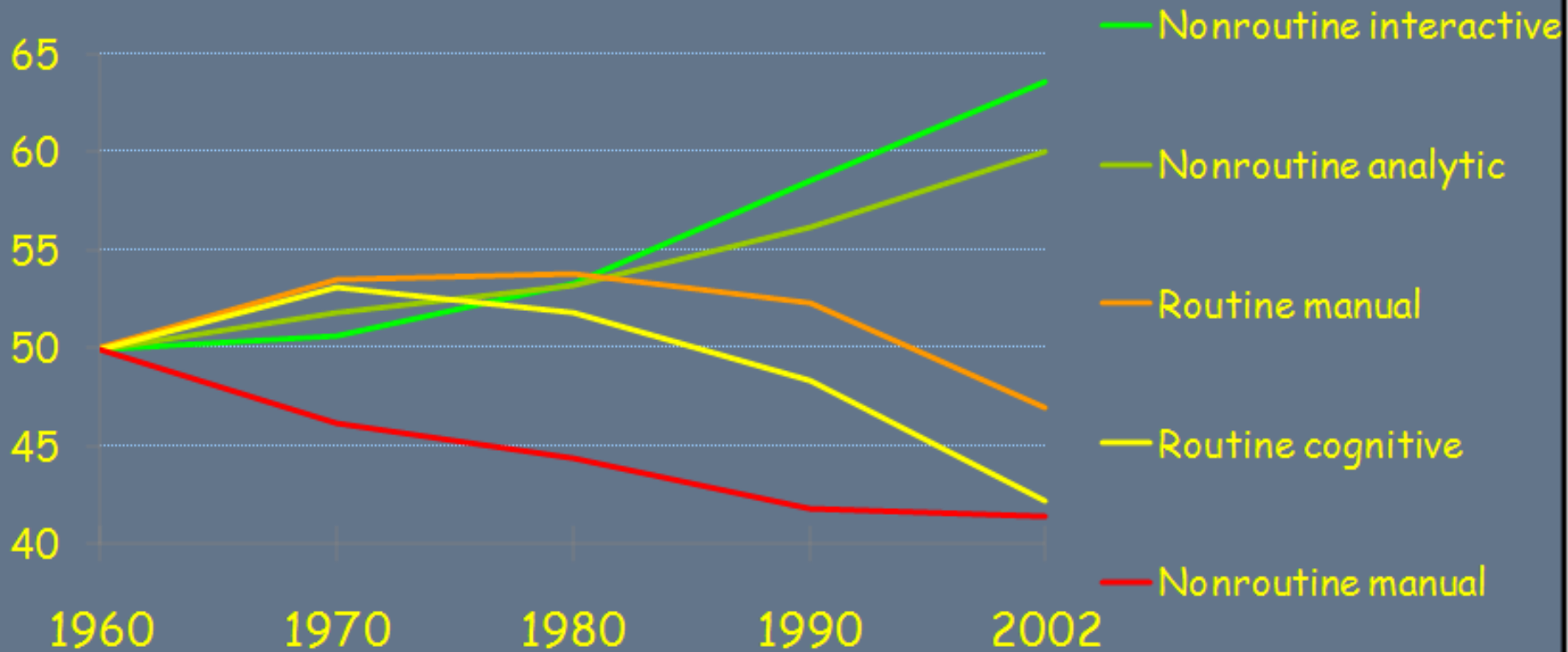
***Where are the workers?***

# EMPLOYMENT: then and now

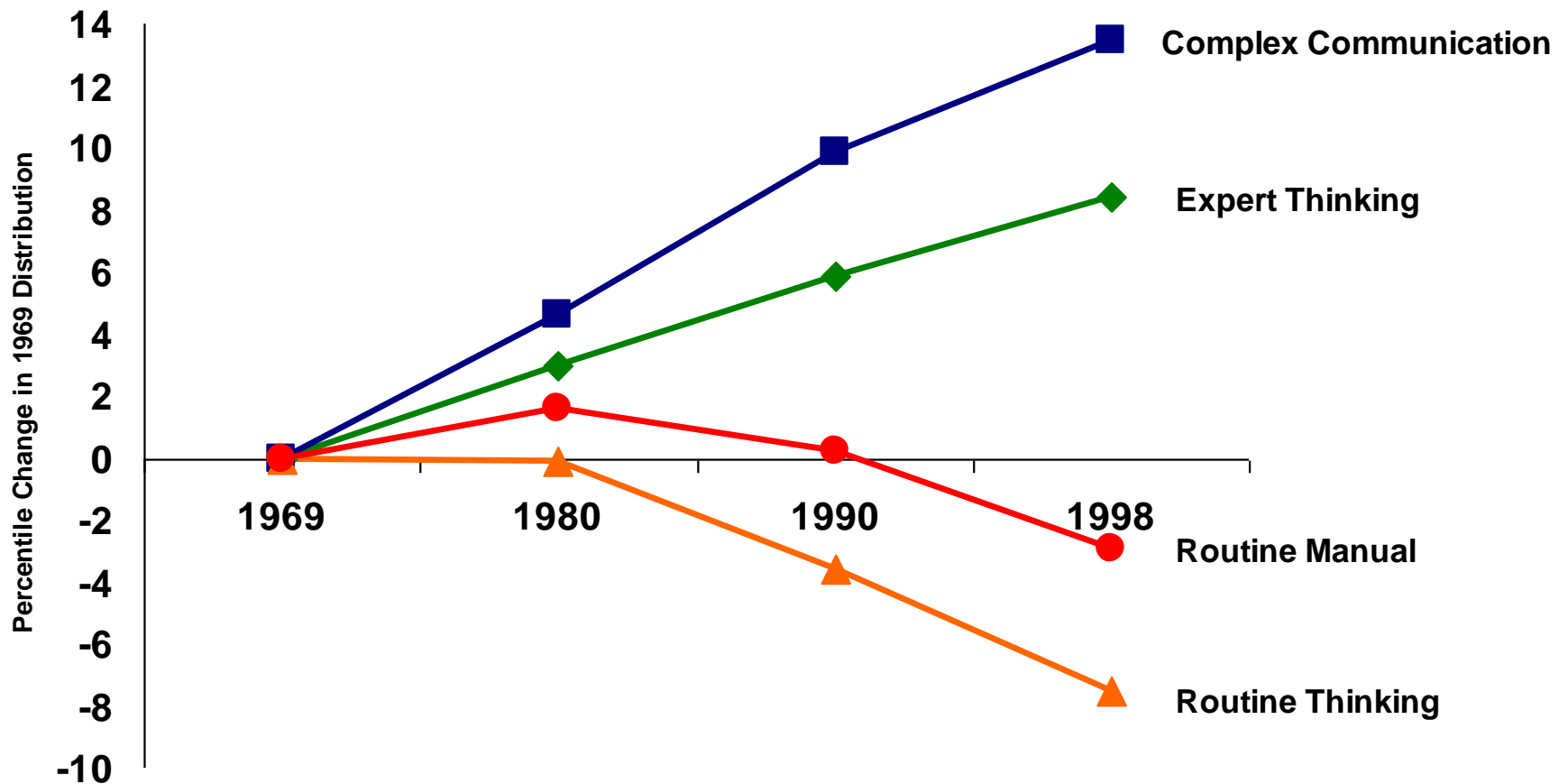


\*Source: 1959 data- the 1960 census, Table 100, Social and Economic Characteristics of the Population. 2008 data- the U.S. Department of Labor, Bureau of Labor and Statistics, Current Population Survey, Characteristics of the Employed, Table 10

# Work Has Changed



# Job Tasks Are Changing



Source: Levy, F. & Murnane, R. J. (2004). *The new division of labor: How computers are creating the next job market*. Princeton, NJ: Russell Sage Foundation. (p. 50, Figure 3.5)



# CURRICULUM: Then and Now

## *Social Studies*

### **1960**

American History  
Soc. Prob.  
Social Studies  
Western History

### **Today**

Adv. World History  
AP European History  
AP Psychology  
AP US Government  
AP US History  
Basic Law  
Economics  
Government  
Psychology  
Sociology  
US History  
World Geography  
World History

# CURRICULUM: Then and Now

## *Business Education*

### **1960**

Basic Business  
Bookkeeping  
Business Law  
Office Practice  
Shorthand  
Transcription  
Typing 1-3

### **Today**

Accounting 1  
Business Mrkt. Mgmt.  
Business/Tech Conc.  
Computer Applications  
Consumer Education  
Co-op Occupations 1-2  
Keyboarding  
Multimedia  
Video Production 1-4  
Web Design/Media Dev't  
Yearbook Production 1-2

# CURRICULUM: Then and Now

## *Special Education*

### 1960

Not required

- **Life Skills Business**  
Consumer Education
- **Life Skills Electives**  
Vocational Training  
VCE 1-3  
Job Training  
Computer Skills  
Fine Arts  
Home Arts  
Life Skills  
Social Problems  
Parenting/Childcare  
Recreational/Leisure  
Independent Living  
Adult Living
- **Life Skills Language Arts**  
Basic Reading  
Practical Language  
Vocational Language  
Consumer Language
- **Life Skills Mathematics**  
Basic Math  
Math 1  
Math 2

### Today

- **Life Skills PE**  
Health  
Adaptive PE
- **Life Skills Science**  
Basic Science  
Life Science  
Earth Science
- **Life Skills Social Studies**  
Geography  
Current Events  
Civil Law  
Social Interactions
- **Cross CAT/SED Business**  
Consumer Education  
Computer Skills  
Careers  
VCE 1-3  
VCE Job
- **Cross CAT/SED Family & Consumer Science**  
Home Arts  
Childcare  
Parenting  
Social Problems  
Social Interaction Skills
- **Cross CAT/SED Language Arts**  
Read 180  
English Foundations 1-4
- **Cross CAT/SED Mathematics**  
Foundations of Algebra 1  
Foundations of Geometry  
Foundations of Algebra 2
- **Cross CAT/SED PE**  
Health  
Drivers Education  
Adaptive PE
- **Cross CAT/SED Resource**  
Learning Strategies  
General Physical Science  
General Biology  
General Earth Science  
US Geography  
World History  
US History  
Government

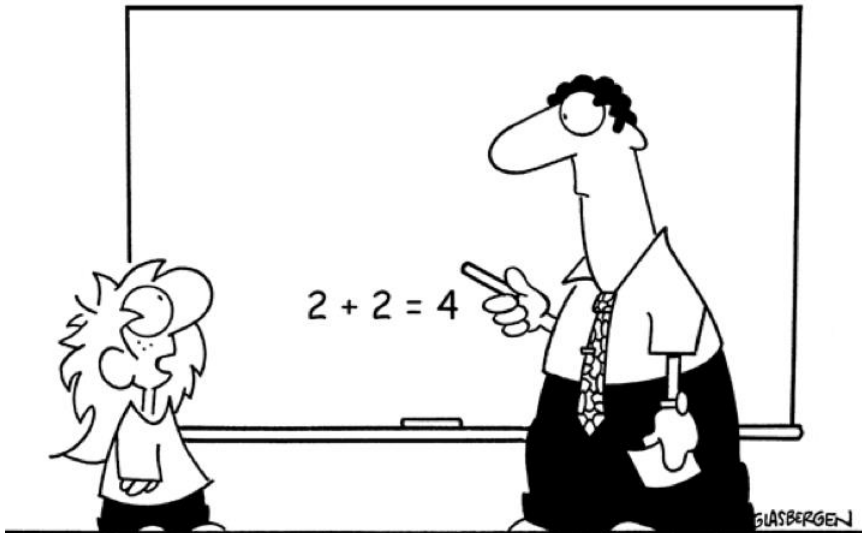
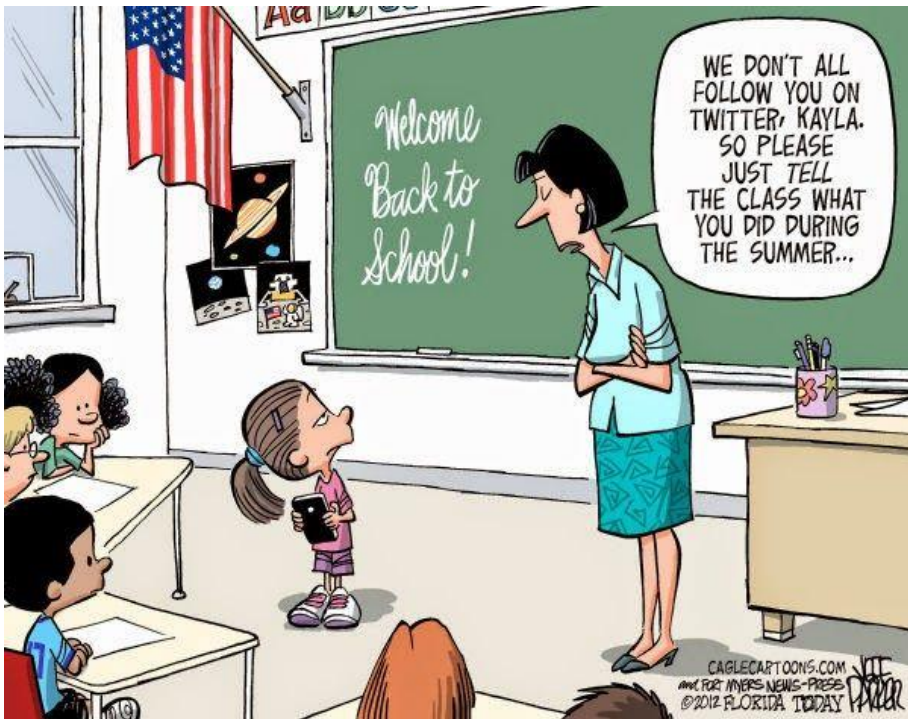


THEN



NOW





"How can I trust your information when you're using such outdated technology?"

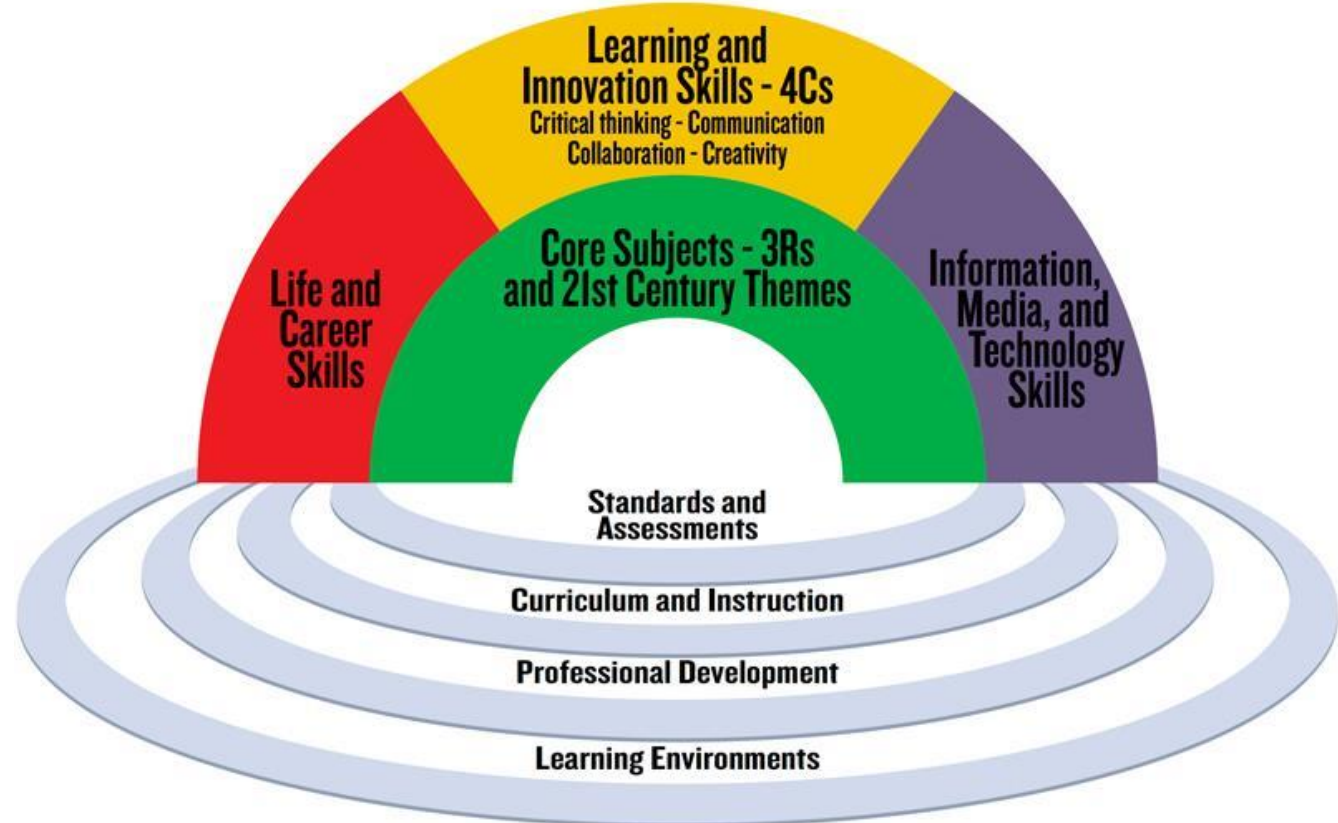


"I appreciate the text, Kate, but next time you can just raise your hand."

# The 4Cs

- Creativity
- Critical Thinking
- Communication
- Collaboration

## 21st Century Student Outcomes and Support Systems



Do school facilities affect  
academic outcomes?

**YES!**

# 21<sup>ST</sup> CENTURY

## Learning Environments

- Learning is no longer optional
- Meet the needs of every child
- Engage students in learning
- Anywhere/anytime learning
- Support the 4C's:  
**collaboration - communication**  
**creativity - critical thinking**



*characteristics of*

**FUTURE**

**[READY]**

**SCHOOLS**



# SUSTAINABLE

Development that meets the needs of the present without compromising the ability of future generations to meet their own needs

Mt. Zion High School – Mt. Zion, IL



# HEALTH & WELLNESS

Environments that promote healthy lifestyle through fitness and nutrition

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Environments that promote healthy lifestyle through fitness and nutrition



# SUPERIOR LIGHTING

Abundant natural light; high quality and sufficient quantity of electrical lighting



# SUPERIOR LIGHTING

Abundant natural light; high quality and sufficient quantity of electrical lighting

Silvis Northeast Junior High School - East Moline, IL

# SAFE & SECURE

Transparent environment; easily observed; controlled access; a feeling of home

Knoxville High School – Knoxville, IL



# PROPER ACOUSTICS

Intelligible from any location





# TECHNOLOGY

Designed for media literacy and connection to a global community of learners



# ENGAGING

Beautiful aesthetics; inviting exterior; school pride on display; appropriate color palette for grade levels

Eisenhower High School – Decatur, IL



**FLEXIBLE**

Multi-use spaces; configuration can easily be changed; flexible furnishing

A photograph of a modern library or study center. In the foreground, a young man with short brown hair, wearing a grey t-shirt, is sitting in a green chair and reading a book. Behind him, several other students are seated at tables, some writing in notebooks. The room is filled with bookshelves and has a bright, open atmosphere. The text 'STUDENT-CENTERED' is overlaid in large white letters at the bottom of the image.

# STUDENT-CENTERED

Students are active participants in the learning process;  
purposeful furniture, fixtures & equipment



# FOSTER CREATIVITY

Supporting creativity and innovation to meet the needs of the generation.



# HANDS ON, ACTIVE

Flexible science lab and instruction spaces; easily accessible outdoor spaces; encourage connection with nature; allow students to explore their environment

Pleasant Plains High School  
Pleasant Plains, IL

# CONNECTED

Wide corridors with clear way-finding tools

A photograph of a modern school interior. The space is bright and colorful, with walls in shades of orange, yellow, blue, and green. The ceiling features large, circular, illuminated light fixtures. In the foreground, there are several round, light-colored tables with blue chairs and blue armchairs. In the background, there is a bookshelf, a person walking, and a set of lockers. The overall atmosphere is collaborative and modern.

# COLLABORATIVE

Spaces which allow students to learn from each other; group work



# **Small Group Work Activity**



# Group Activity Questions

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1

In 3 words, how would you like a visitor to describe our district facilities?

2

What are your concerns about district facilities that should be addressed to meet the needs of 21<sup>st</sup> century learners?

3

# What 21<sup>st</sup> century characteristics are most important to your group?

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Health & Wellness

Sustainable

Superior Lighting

Safe & Secure

Proper Acoustics

Technology

Engaging

Flexible

Student-centered

Foster Creativity

Hands On, Active

Connected

Collaborative

# **Small Group Work Activity Reporting**

# How Do We Get There



“ The days when a superintendent and the school board can sit in a room and make decisions about the future of a district or the future of a community are long gone. ”

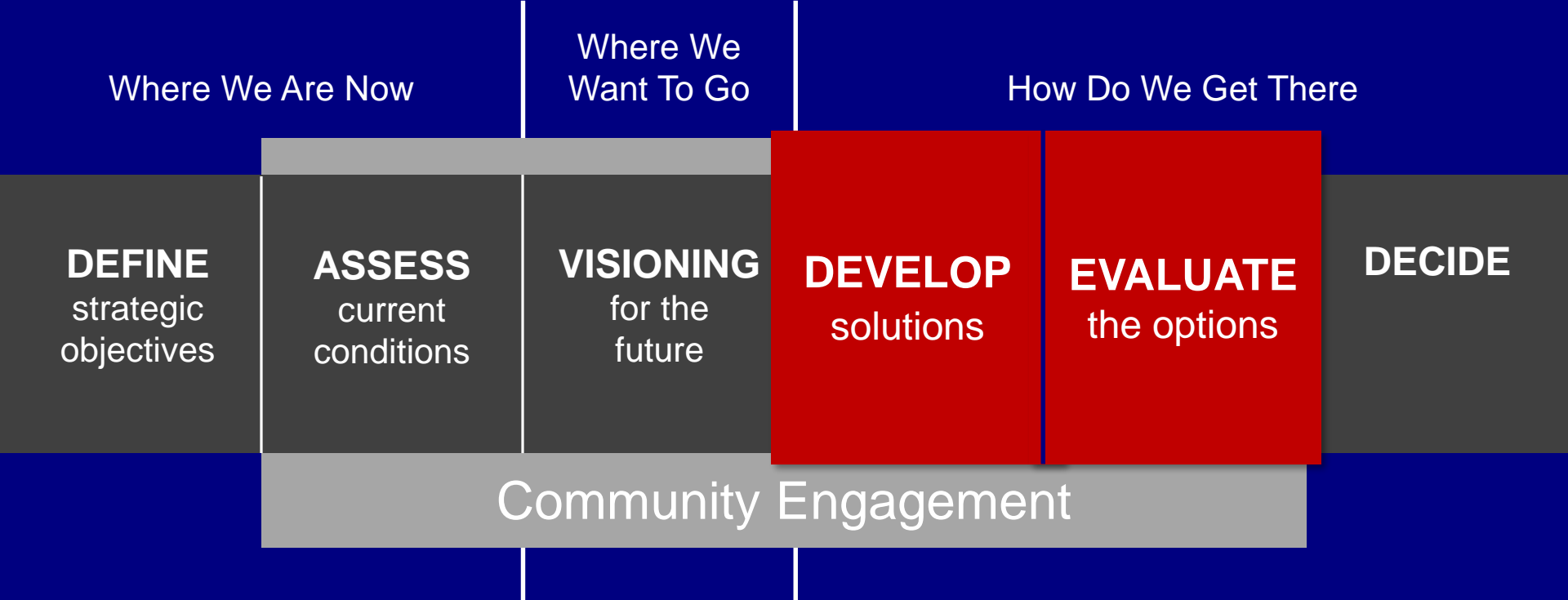
***Dr. Chris Nicastro***

*Commissioner of Education — Missouri*

*Former Superintendent — Hazelwood (MO) School District*



# COLLABORATIVE DESIGN PROCESS



- Review starter concepts
- Gather input and refine solutions
- Identify strengths & weaknesses
- Assess how solutions address needs & established goals



# STARTER SCENARIOS

## STATUS QUO - 5 Building Scenario (K/1-3/4-5/6-8/9-12)



SITE ACREAGE:

EXISTING SITES:

IWHS - Gilman - 4.3AC  
 IWMS - Onarga - 6.7AC  
 IWUES - Thawville - 7.9AC  
 IWES - Gilman - 2.9AC  
 IWES - Danforth - 4.6AC

RECOMMENDED:

ELEMENTARY:

5AC + 1AC/100 STUDENTS

MIDDLE SCHOOL:

15AC + 1AC/100 STUDENTS

HIGH SCHOOL:

25AC + 1AC/100 STUDENTS

**IROQUOIS WEST HIGH SCHOOL**

57.2

<b>Grades: 9-12</b>	<b>Total SF: 65,301</b>
Needs Assessment Work:	\$6,422,860
21st Century Upgrades:	\$0
Additions (0 sf):	\$0
<b>Total:</b>	<b>\$6,422,860</b>

**IROQUOIS WEST MIDDLE SCHOOL**

63.3

<b>Grades: 6-8</b>	<b>Total SF: 60,766</b>
Needs Assessment Work:	\$5,348,934
21st Century Upgrades:	\$0
Additions (0 sf):	\$0
<b>Total:</b>	<b>\$5,348,934</b>

**IROQUOIS WEST UPPER ELEMENTARY**

59.9

<b>Grades: 4-5</b>	<b>Total SF: 25,380</b>
Needs Assessment Work:	\$2,712,740
21st Century Upgrades:	\$0
Additions(0 sf):	\$0
<b>Total:</b>	<b>\$2,712,740</b>

**IW ELEMENTARY - GILMAN**

76.2

<b>Grades: 1-3</b>	<b>Total SF: 27,497</b>
Needs Assessment Work:	\$2,525,720
21st Century Upgrades:	\$0
Additions(0 sf):	\$0
<b>Total:</b>	<b>\$2,525,720</b>

**IW ELEMENTARY - DANFORTH**

69.8

<b>Grades: PK-K</b>	<b>Total SF: 16,870</b>
Needs Assessment Work:	\$1,588,250
21st Century Upgrades:	\$0
Additions(0 sf):	\$0
<b>Total:</b>	<b>\$1,588,250</b>

**NEW**

**PNA/21ST**

**PNA**

**65.0**

EDUCATIONAL  
ADEQUACY

**\$18,598,504**

TOTAL SCENARIO  
FIRST COSTS

**BLDD**  
ARCHITECTS

*Don't miss session #2!*

# **BUILDING SOLUTIONS**

Tuesday, December 12, 2017

6:00 p.m. – 8:00 p.m.

Middle School, Onarga

Iroquois West CUSD 10



**Bringing the Future  
Into the Present**

**THANK YOU!**

