



## AGENDA

one

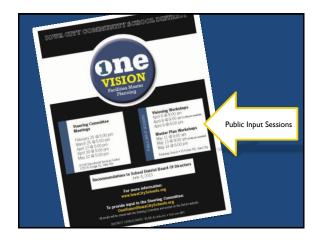
#### Master Planning Process Overview

- 21st Century Schools
  - School Design 101
  - Characteristics of 21st Century Schools
  - Work Activity

#### Assessment Results

- Physical Assessment
- Educational Adequacy
- Security Review
- Capacity Analysis
- Enrollment Projections
- Work Activity
- Wrap Up





#### Strategic Goals

- Align facilities with educational programs
- Maximize effectiveness of District resources
- Address major planning considerations for the future
  - Enrollment Growth
  - Aging Infrastructure
  - Equity
  - Educational Program Change

#### Please answer the question:

In 3 words, how would a visitor to the ICCSD describe our current district facilities?

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2	
_	



## SCHOOLS PAST A rise to unequalled prosperity



#### Typical Day at a One-Room Schoolhouse

- Recite the Pledge of Allegiance
- Sing a song or listen to a moral story from the Bible read by the teacher
- Day normally started with a reading lesson
- Following the reading lesson would be a writing or spelling lesson, depending on the day
- During the writing lesson, the children learned good penmanship, a very important skill
- · After this, there was a short break
- After the break the children would begin their arithmetic lesson
- Lunch
- The afternoon lessons generally consisted of history, geography, civics, language
- The day would end around 4 p.m



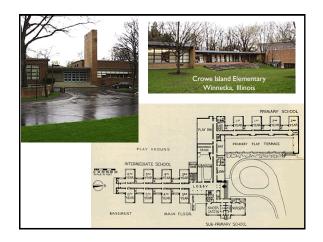




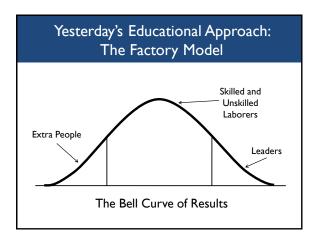


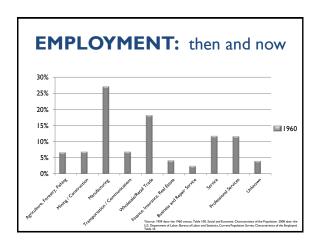


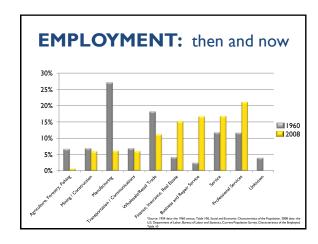












#### **CURRICULUM:** then and now Social Studies 1960 2013 Adv.World History American History Soc. Prob. AP European History Social Studies AP Psychology Western History AP US Government AP US History Basic Law Economics Government Psychology Sociology US History World Geography World History

#### **CURRICULUM:** then and now

**Business Education** 

#### 1960

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

#### 2013

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

#### CURRICULUM: then and now

Special Education

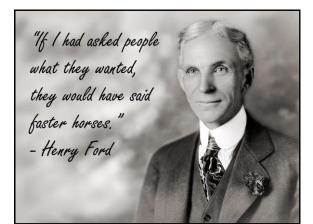
#### 1960

Not required

#### 2013

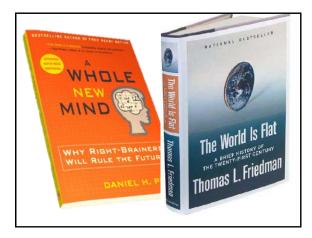
- Life Skills PE Health
  Adaptive PE
  Life Skills Science
  Basic Science
  Life Science
  Earth Science
- Life Skills So Geography Current Events Civil Law Social Interaction

- oss CAT/SED PE



lowa did you know video http://www.youtube.com/watch?v=dMsNct4X\_GU





#### "Trying to Fill 6,000 Jobs, Microsoft Pitches \$10,000 H-1B Visa"

By Patrick Thibodeau

6000 open positions in the US and is creating new jobs faster than it can fill them.

"Our nation faces the paradox of a crisis in unemployment at the same time that many companies cannot fill the jobs they have to offer"

"We risk these jobs migrating from the US, creating even bigger challenges for our long-term competitiveness and economic growth"

### 21st CENTURY SCHOOLS

Designed to Support Educational Delivery High Performance Environments: How the building affects teaching and learning

### Iowa CORE

"The need to remain globally competitive. The sheer number of college graduates from other countries will change world dynamics. No longer do students from foreign countries have to come to the US for higher education. No longer will the US have enough engineers and scientists to fill the needs. Other countries will have numbers that create new ideas, building companies that launch innovations, and produce goods wanted by the world."

Source: Iowa Department of Education

#### **UNIVERSAL CONSTRUCTS:**

#### Essential for 21st Century Success

- Critical Thinking
- Complex Communication
- Creativity
- Collaboration
- Flexibility and Adaptability
- Productivity and Accountability



What will students be doing in the year 2031?

What will teachers be doing in the year 2031?

## Naturalistic Bodily-Kinesthetic Musical Interpersonal Intrapersonal Visual-Spatial Verbal-Linguistic Verbal-Linguistic Interpersonal Visual-Mathematical Verbal-Linguistic

Your
personal
learning
style
revealed

A = Linguistic

B = Logical-Mathematical

C = Visual-Spatial

D = Intrapersonal

E = Interpersonal

F = Musical

G = Bodily-Kinesthetic

H = Naturalistic

#### **BEGINNING WITH THE END IN MIND**

#### **OUTCOMES**

What are the skills needed?

#### **CURRICULUMTO DEVELOP OUTCOMES**

What are the courses needed to develop these skills?

#### **LEARNING MODALITIES**

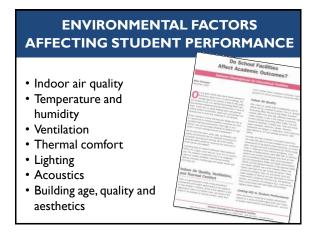
How are these courses best learned?

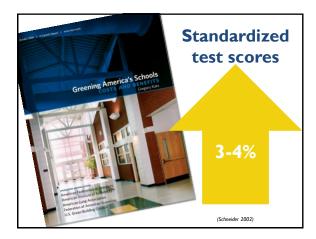
#### LEARNING ENVIRONMENTS

What type of environment is needed to encourage learning?

## 21st CENTURY SCHOOLS

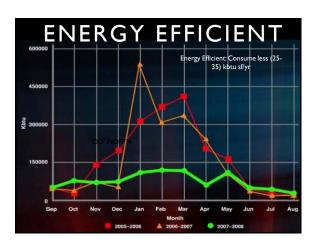
Designed to Support Educational Delivery High Performance Environments: How the building affects teaching and learning





characteristics of
21st CENTURY
SCHOOLS

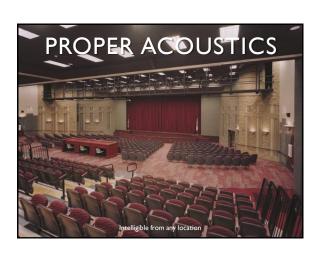






























### 21st Century Elementary Schools











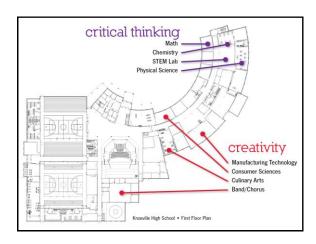


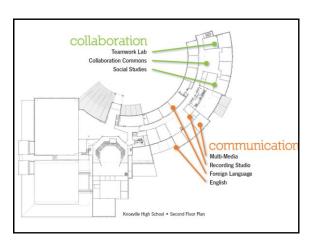


### 21st Century Middle Schools

Silvis video  http://www.youtube.com/watch?v=NFyU99qtGHw	
21st Century High Schools	
Video — macconnell award winner http://www.youtube.com/watch?v=WXriAhgjzIc	













#### **INSTRUCTIONS**

- Elect a recorder and spokesperson
- Quickly complete 3 word answer individually.
- answer individually.

  Review the list of 21st Century
  School Characteristics
- As a group, come to consensus on how you will divide your \$100 donation
- Report to group

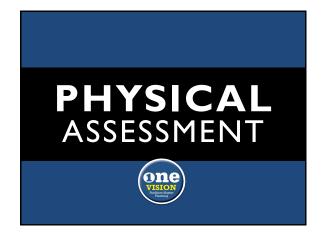
#### Please answer the question:

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

I		
2		
3		

#### 21st Century School Priorities

- Healthy
- Sustainable & Energy efficient
- · Superior Lighting
- · Proper acoustics
- Engaging
- Safe & secure
- · Technology infused
- Fluid/flexible
- Student-centered
- · Connected to nature



#### **BUILDING EVALUATION TEAMS**

Professional "Team of Experts"

#### **Physical Assessments**

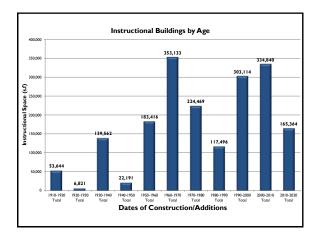
- Architects & Engineers
- · Building Principal
- · Building Custodian

HÝAC)

- Special Representatives
   Physical Plant (electrical,
- Sam Johnson team lead, consistent quality assurance

#### Educational Adequacy & Security Review

- Architects
- Building Principal
- Special Representatives
  - Assistant Superintendent
- Barbara Meek team lead, consistent quality assurance



#### **BUILDING COMPONENTS**

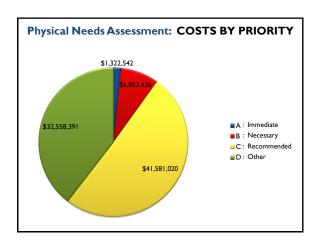
- Electrical
- Lighting
- Exterior Walls
- Plumbing
- Fire Detection
- Roof
- HVAC
- Site
- Interior
- Building Envelope
- School Security

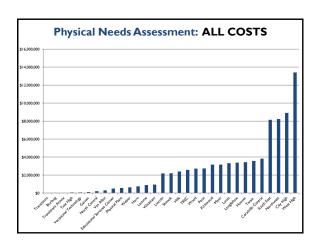
## Priority A: IMMEDIATE

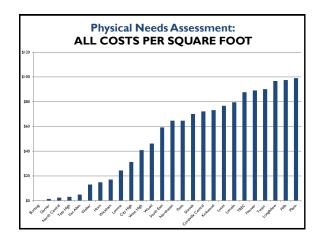


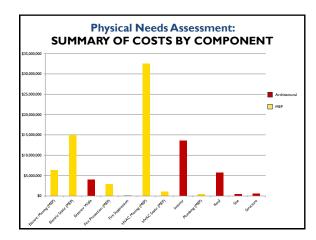


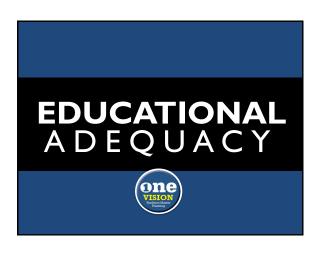












Educational Adequacy Categories
The School Site  Structural and Mechanical Features  Plant Maintainability  Building Safety and Security  Educational Adequacy  Environment for Education

#### GRADING CRITERIA

A = Excellent

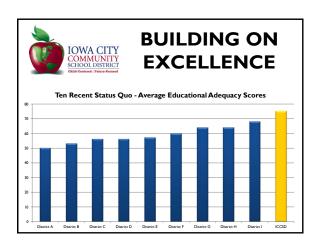
B = Satisfactory

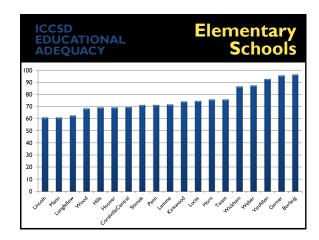
C = Borderline

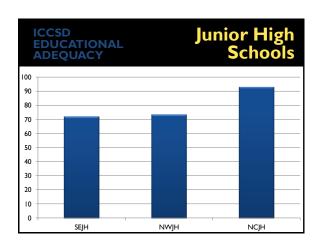
D = Poor

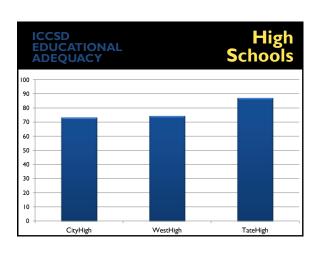
F = Failing

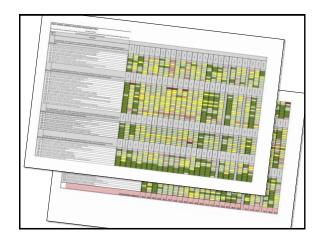
X = Non-existent

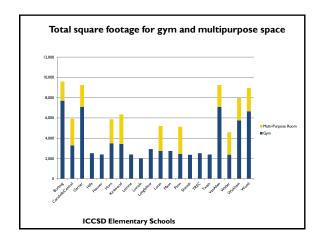












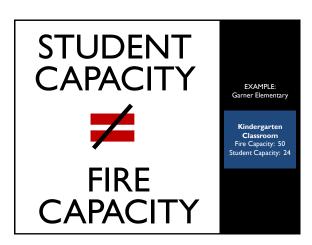


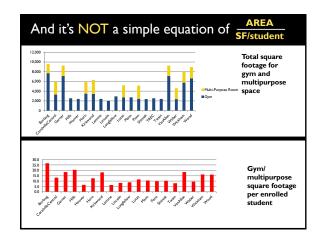
#### Security Review Summary

#### Of the 19 Elementary Schools:

- · Only 6 have a secured entry
  - and of those, only 3 can see people walking up to the building
- Only 5 have electronic locks
  - and of those, only 2 can lock down the building from one location
- Only 3 can lock their classrooms from the inside of the room
- Only 8 DON'T have portables
- · Only 8 have air-conditioning



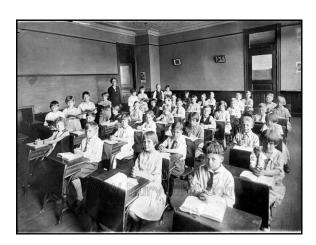


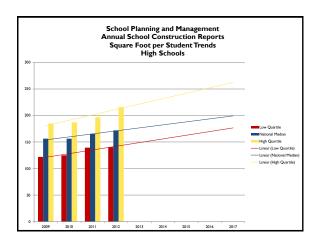


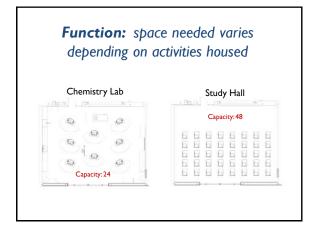
#### **STUDENT CAPACITY**

Is a function of:

- Programs to be housed
- Space needed for programs
- Utilization

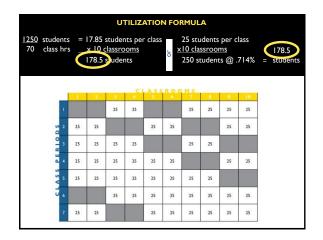


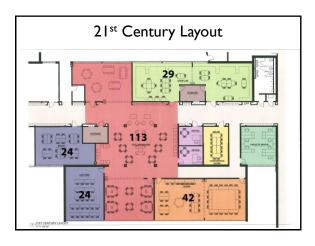


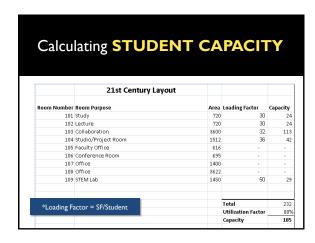


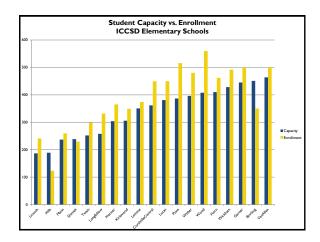
#### **Utilization:**

Percentage of the day the classroom will be occupied

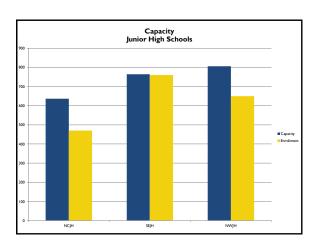


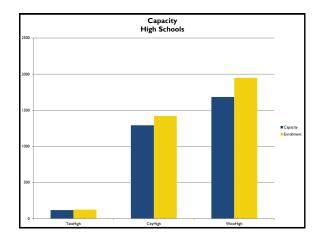


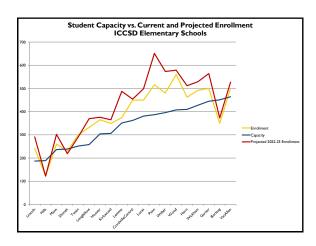


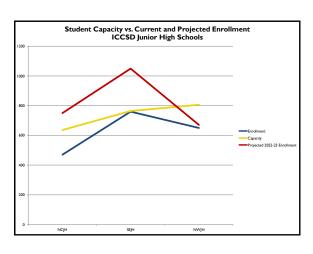


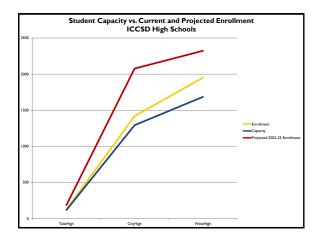












# WORK

#### **INSTRUCTIONS**

- Elect a recorder and spokesperson
- Quickly complete 3 word answer individually.
- Review the list of District priority items
- As a group, come to consensus on how you will divide your \$100 earmark
- Report to group

#### **Iowa City Community School District Priorities**

- Neighborhood schools
- · Safe schools
- Air conditioning
- Infrastructure upgrades
- Improve energy efficiency
- Multi-purpose spaces
- Athletic facilities
- Adequate site size
- Construct facilities
- Accessibility
- Modular/temporary classrooms
- · Class size
- Operational efficiencies
- Classroom upgrades
- Other

Show wordle comparison

