West Muskingum PK-4 Elementary School Learning Center

08 APRIL 2014

“Educational Visioning Into the Future”

William Harbron
West Muskingum Schools Superintendent

John Faulkner Gladden, AIA
Fanning/Howey
Lead Designer/Principal
West Muskingum PK-4 Elementary School Learning Center

EDUCATIONAL VISIONING WORKSHOPS

3 DAYS

LEAD BY FRANK LOCKER PhD

ATTENDEES
WEST MUSKINGUM SCHOOLS
• BOE
• STAFF
• TEACHERS
• STUDENTS
• PARENTS

COMMUNITY MEMBERS

OFCC PLANNERS
FANNING/HOWEY
AGENDA
The first Visioning workshop was held on 16th December 2013. Notes of all activities follow:
- Pre-Workshop Videos Comments
- Snapshot of the Current West Muskingum Elementary School
- 21st Century Schools Presentation
- Most Important Issues
- Randy Nelson, Pixar Films, Living + Working in the Collaborative Age
- Review of Current Programs, Services, Deliveries, + School Organizational Structure

PRE-WORKSHOP VIDEOS COMMENTS
The Visioning Team was asked to review videos related to education. They identified the most important lessons from the videos in a whole group discussion. Most had seen the Concord Elementary Schools video. Here are their comments:
- Like to see classroom to classroom
- Painting Nook is great
- Humongous Library
- Feels like a place where teachers trust students
- Visibility for lots of places
- Nooks for project display
- Not all white, but colors that would appeal to students
- Acoustics addressed
- It is like a museum in Toronto
- Reading-room like
- Principal's comment: easy to see what is going on

SNAPSHOT OF THE CURRENT WEST MUSKINGUM ELEMENTARY SCHOOLS
Dr William Harbron characterized the state of the current elementary schools. He noted:
- The last 3 years have been consumed with Common Core prep
AGENDA

The second Visioning workshop was held on 17th December 2013.
Notes of all activities follow:
- What to Teach + How to Teach
- Project-Based Learning
- Exploring Teacher Collaboration
- School in 2030
- School Organizational Structure
- Exploring Personalized Learning
- Learning Modalities
- Where Do We Go from Here?

WHAT TO TEACH + HOW TO TEACH

Workshop participants were given this challenge as the basis for a whole group discussion:

Based on what we have discussed about 21st century learning:

Questions for a whole group discussion:
1. What is in the emerging Common Core curriculum that aligns with 21st Century learning?
2. Does the Common Core dictate any Learning Modalities/Educational Deliveries?
3. Are there any Learning Modalities/Educational Deliveries that support the Common Core better than others?
4. Are there any conflicts or restrictions to 21st Century learning?
5. Do the WMES preferred Learning Modalities align or conflict (or no issue) with the Common Core? How so?
AGENDA
The third Visioning Workshop was held on 9th January 2014. Notes of all activities follow:
- Sir Ken Robinson on Creativity
- School Transformation + Development Map
- Places for Learning
- Larry Rosenstock on High Tech High
- Defining Spaces
- Overall School Organization Diagram
- Key Words

SIR KEN ROBINSON ON CREATIVITY
Workshop participants had viewed the Ken Robinson video “Why Schools Kill Creativity.” In general discussion they had these comments:
- This relates to the Common Core
  - Every school talks about the same thing
- We squash creativity in our schools
- Creativity is at the bottom of the hierarchy of what schools think is important
- The Gillian Lynn story is fantastic. Her success with “Cats” and other productions is exemplary

SCHOOL TRANSFORMATION + DEVELOPMENT MAP
Workshop participants used the School Transformation + Development Map (ST+DM © 2014 Frank Locker Inc) to evaluate the West Muskingum elementary schools’ current educational delivery and facilities, and to project the desired future for the new elementary school.

The ST+DM expresses the evolutionary shift in education in great detail, chronicling educational practices and facility design. Schools today are in different points of evolution, and many schools expect to be in
West Muskingum Elementary School Educational Visioning

Zanesville, OH

January 2014
Frank Locker Educational Planning
West Muskingum PK-4 Elementary School Learning Center
# Student Center Learning Environments

### Elementary School

**SCLE Worksheet ALLOWABLE**

<table>
<thead>
<tr>
<th>Program Area</th>
<th>New SF</th>
<th>Est. SF</th>
<th>TOTAL SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-AC Administrative Core Spaces</td>
<td>29.375</td>
<td>0</td>
<td>29.375</td>
</tr>
<tr>
<td>E-SE Special Education Spaces</td>
<td>3.020</td>
<td>0</td>
<td>3.020</td>
</tr>
<tr>
<td>E-AD Administrative Spaces</td>
<td>2.550</td>
<td>0</td>
<td>2.550</td>
</tr>
<tr>
<td>E-CN Media Center Spaces</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>E-VA Visual Arts Spaces</td>
<td>1.200</td>
<td>0</td>
<td>1.200</td>
</tr>
<tr>
<td>E-MU Music Spaces</td>
<td>1.000</td>
<td>0</td>
<td>1.000</td>
</tr>
<tr>
<td>E-PK Physical Education Spaces</td>
<td>4.350</td>
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<td>4.350</td>
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<tr>
<td>E-SO Student Union Spaces</td>
<td>4.400</td>
<td>0</td>
<td>4.400</td>
</tr>
<tr>
<td>E-FS Food Service Spaces</td>
<td>1.423</td>
<td>0</td>
<td>1.423</td>
</tr>
<tr>
<td>E-CU Custodial Spaces</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>E-BS Building Spaces</td>
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<td>0</td>
<td>16.252</td>
</tr>
<tr>
<td>Facility Total (NET AREA)</td>
<td>64.022</td>
<td>0</td>
<td>64.022</td>
</tr>
</tbody>
</table>

**Difference of GSF developed from GSF allowable**

### SCLE Educational Specification Schematic S.F. Summary

**Program Area**

<table>
<thead>
<tr>
<th>Program Area</th>
<th>New SF</th>
<th>Est. SF</th>
<th>TOTAL SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Core Spaces</td>
<td>29.375</td>
<td>0</td>
<td>29.375</td>
</tr>
<tr>
<td>Special Education Spaces</td>
<td>3.020</td>
<td>0</td>
<td>3.020</td>
</tr>
<tr>
<td>Administrative Spaces</td>
<td>2.550</td>
<td>0</td>
<td>2.550</td>
</tr>
<tr>
<td>Media Center Spaces</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Visual Arts Spaces</td>
<td>1.200</td>
<td>0</td>
<td>1.200</td>
</tr>
<tr>
<td>Music Spaces</td>
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<td>1.000</td>
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<tr>
<td>Physical Education Spaces</td>
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<td>Student Union Spaces</td>
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<tr>
<td>Food Service Spaces</td>
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<td>1.423</td>
</tr>
<tr>
<td>Custodial Spaces</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Building Spaces</td>
<td>16.252</td>
<td>0</td>
<td>16.252</td>
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<tr>
<td>Facility Total (GROSS AREA)</td>
<td>70.424</td>
<td>0</td>
<td>70.424</td>
</tr>
</tbody>
</table>

**Calculated Construction Factor**

| Calculated Construction Factor                      | 0.988  | 0      | 0.988    |

### Notes

1. Enter grade configuration.
2. Enter Student Enrollments.
3. MINIMUM SQUARE FOOTAGE REQUIRED: Includes E-AC Administrative Core Spaces, E-SE Special Education Spaces, E-AD Administrative Spaces, E-CN Media Center Spaces, E-VA Visual Arts Spaces, E-MU Music Spaces, and E-SO Student Union Spaces derived from total area developed with traditional bracketing program areas including the ADDITIONAL E-AC A Small Group Room, E-CN A Multi-use Studio, E-CN A 11 Artist Studio, E-BS A Building Services.
4. Includes all spaces included in traditional bracketing program areas identified under E-AD Administrative Spaces.
5. MAXIMUM SQUARE FOOTAGE ALLOWED: Includes all spaces included in traditional bracketing program areas identified under E-PE Physical Education Spaces.
6. Includes all spaces included in traditional bracketing program areas identified under E-FS Food Service Spaces, E-CU Custodial Spaces, E-BS Building Services.
OSFC – Academic Space base on = 36 net sf / student to be equal around the OSDM, included student / room storage & teacher workstation.
Shaded area is to be common learning community.
K-2 LEARNING COMMUNITY  120 STUDENTS

5 TEACHING STATIONS
4 STUDIOS (INCLUDING KINDERGARTEN)
1 ART/SCIENCE/PROJECT STUDIO
DISCOVERY, PRESENTATION, STORY TELLING, READING "FAMILY RM."

K-2 LEARNING COMMUNITY  (4,946) SF

STUDENTS

STUDENTS RESTROOMS

TEACHER WORKRM./LOUNGE  (600) SF

7 TEACHING STATIONS

RESOURCES

RESOURCE LEARNING STUDIO  (350) SF

SMALL GROUP

RESOURCE LEARNING STUDIO  (200) SF

8 students

120 "cubbies" Learning Studios

student R.R. (OBBC Code)
125 / 50 = 3 fixtures
2 fixtures-BOYS
2 fixtures-GIRLS

10-12 students

FANNING HOWEY
5 Learning Communities @ 120 Students each
604 Students x 116.6 SF per student = 70,424 Total SF

Worksheet Summary

<table>
<thead>
<tr>
<th>PROGRAM AREA</th>
<th>New SF</th>
<th>Ext. SF</th>
<th>TOTAL SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-AC Academic Core Spaces</td>
<td>30,670</td>
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<td>30,670</td>
</tr>
<tr>
<td>E-SE Special Education Spaces</td>
<td>3,020</td>
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<td>3,020</td>
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<tr>
<td>E-AD Administrative Spaces</td>
<td>2,430</td>
<td>0</td>
<td>2,430</td>
</tr>
<tr>
<td>E-MC Media Center Spaces</td>
<td>0</td>
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</tr>
<tr>
<td>E-VA Visual Arts Spaces</td>
<td>320</td>
<td>0</td>
<td>320</td>
</tr>
<tr>
<td>E-MU Music Spaces</td>
<td>1,000</td>
<td>0</td>
<td>1,000</td>
</tr>
<tr>
<td>E-PE Physical Education Spaces</td>
<td>4,350</td>
<td>0</td>
<td>4,350</td>
</tr>
<tr>
<td>E-SD Student Dining Spaces</td>
<td>4,400</td>
<td>0</td>
<td>4,400</td>
</tr>
<tr>
<td>E-FS Food Service Spaces</td>
<td>1,423</td>
<td>0</td>
<td>1,423</td>
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<tr>
<td>E-CU Custodial Spaces</td>
<td>250</td>
<td>0</td>
<td>250</td>
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<tr>
<td>E-BS Building Services</td>
<td>18,269</td>
<td>0</td>
<td>18,269</td>
</tr>
</tbody>
</table>

| Facility Total         | 64,022 | 0 | 64,022 |
| Construction Factor (10% x facility total) | 0.10 | - | 0.10 |
| Gross Square Feet (GSF) Developed | 70,424 | 0 | 70,424 |

| Minus ext. co-funded Oversize Area from Master Plan | 0 | 0 | 0 |
| Adjusted Existing Area | 0 | 0 | 0 |
| Total Adjusted GSF Developed (without Oversize Area) | 70,424 | 0 | 70,424 |

Difference of GSF developed from GSF allowable
West Muskingum PK-4 Elementary School Learning Center
**different size of learning spaces**

- Flexible Studio
- 2 Small Group Studios
- Project Studio
- Quiet Learning Studio
- 2 Learning Studios Connected to Flexible Studio
- Teacher Studio
- Student Work Gallery & Restrooms

**typical learning community**
FLEXIBLE STUDIO

different types of mobile furniture
library studio....mobile book shelves

typical learning community
teachers studio
“Learning is experience....
Everything else is just information.”

Albert Einstein