Rethinking Learning Spaces

Kildeer Countryside School District 96

Howard Frishman - Technology Coach, Woodlawn Middle School
Kim Mollerdino - Technology Coach, Twin Groves Middle School
Kevin Ryan - Director of 21st Century Learning, KCSD96
Essential Question

What does 21st century learning in a classroom look and sound like in a district committed to high levels of learning for all students?
Focus on Teacher Needs, Student Needs, and Technology Needs in a 21st Century Classroom

<table>
<thead>
<tr>
<th>Teacher Needs</th>
<th>Student Needs</th>
<th>Technology Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>In order for students to think and interact in these ways, what would teachers have to know and be able to do?</td>
<td>If we were observing students in such a school, what would we see and hear?</td>
<td>In what ways would technology be a catalyst or support for this type of teaching and learning?</td>
</tr>
</tbody>
</table>
Obstacles

➤ Heavy furniture
➤ Inability to collaborate with multimedia tools
➤ Students in rows led from the front of the classroom
➤ Lack of a differentiated learning environment
Hitting the Ground Running

➤ Took Teachers, Administration and School Board Members to other districts for learning walks
➤ Formed a committee of the above, as well as community members to evaluate needs
➤ Met with technology team to plan and design multimedia infrastructure and best practice
➤ Gathered feedback from all stakeholders and redesigned future classrooms using this data
What we Found

Year one data showed:

➤ Teachers love lots of board space
➤ Students collaborate in a multimedia environment throughout the rooms
➤ Mobile furniture maximizes group flexibility and minimizes losses of instructional time
The Past Meets the Present
Science Classrooms
Before and After
What we Did

Year 2 Changes:

➢ Increased bulletin board space
➢ Mobile projector carts swapped out for ceiling mounted models capable of up to 10 simultaneous users
➢ Added a Closet Workspace Lighting
➢ Furniture Differences
  ▶ More lift capable tables
  ▶ Elimination of smaller desks that seat 2 students
➢ Cushioned teacher chairs
➢ Changes in the size and number of TVs in one building
➢ Recessed Ceiling Speakers
The Future

- Complete redesign of Science rooms
- Completion of remaining Core Classrooms
- Exploratory research involving common areas (Learning Center, Tech Lab and former computer labs)
Learning in Action
Contact Us

Howard Frishman - hfrishman@kcsd96.org
Kim Mollerdino - kmollerdino@kcsd96.org
Kevin Ryan - kryan@kcsd96.org