



The Construction Project As An Educational Experience Report #4



Boyce Middle School

January	February
<p>The Cilli/Henderson Team started a series of lessons called "Build Up." This is a national program that helps younger students understand construction industry. Thus far the students have discussed jobs involved with construction from engineer to bricklayer, and different types of buildings including types and classifications. Future activities include building a model bridge and skyscraper, and conducting strength tests.</p>	<p>At the February 10th Faculty meeting, the second half of the professional staff will meet with Dr. Bornyas and Mr. DelRe of PJ Dick Construction to discuss future activities related to the project.</p>
<p>Building administration will be investigating how students may participate in designing the landscaping around the outside eating area.</p>	<p>As Mr. Goelz taught the differences between series and parallel circuits in the sixth grade electricity science unit, the students were able to discuss how the electricians would need to wire each classroom and school building as a whole in order to make it most useful to teachers/students. The students had to think about not only how many things in the building run on electricity, but also how the areas would need to be wired in order to work without all circuits being on at once.</p>
<p>At the January 13th Faculty meeting, half of the professional staff met with Dr. Bornyas and Mr. DelRe of PJ Dick Construction to discuss future activities related to the project.</p>	<p>In constructing the game boards in Mr. Goelz's science class, he presented a mini-lesson on how to use a blueprint. Students discussed the importance of "mapping out" ideas and how things work together when tackling a huge project like the game boards. Obviously, this led to a discussion</p>

	on the huge amount of things that needed to be planned out and blueprinted for a building to be renovated/constructed.
Representatives from PJ Dick spoke at the January Science Department Curriculum Meeting. Discussion was held on possible future educational activities.	



Fort Couch Middle School

January	February
Representatives from PJ Dick spoke at the January Science Department Curriculum Meeting. Discussion was held on possible future educational activities.	In Mrs. Montgomery's "House and Building Unit" in Spanish class the students are going to be taught construction, building, and furniture vocabulary. Also, the students will have the choice of drawing a house or school plan and labeling the rooms and furniture in the school or house in Spanish. The students are using Spanish Lowes' building and construction brochures as guides during this unit.
Building administration will be investigating how students may participate in designing the landscaping around the outside eating area.	In industrial technology classes, Mr. Brewer is demonstrating to the students how to use the GPS systems in relation to plotting the new building.