



The Construction Project As An Educational Experience Report #3

Boyce Middle School

November	December	January
<p>Mr. DelRe presented an update on the status of the project at the November Student Council meeting. Homeroom representatives provided an update to the students from Mr. Del Re's report. This is a regular agenda item on both the Student Council's agenda and Homeroom representatives' agenda.</p>	<p>Mr. DelRe presented an update on the status of the project at the December Student Council meeting. Homeroom representatives provided an update to the students from Mr. Del Re's report. This is a regular agenda item on both the Student Council's agenda and Homeroom representatives' agenda.</p>	<p>The Cilli/Henderson Team began a series of lessons called "Build Up." This is a national program that helps younger students understand the construction industry. Thus far the students have discussed jobs associated with construction from engineer to bricklayer and types and classifications of buildings. Future activities include building a model bridge and skyscraper, and conducting strength tests.</p>
<p>Mr. McLean will present in the IB classes regarding the LEED certification process. He discussed other aspects of the green building movement with the students.</p>	<p>Representatives from PJ Dick are scheduled to attend the January Science Department Curriculum Meeting to discuss possible future educational activities.</p>	<p>Building administration will be investigating how students may participate in contributing to designing the landscaping around the outside eating area.</p>
<p>In the Industrial Technology classes, Mr. DelRe reviewed blueprints of the project with the students. The students practiced measuring and completing scale drawings after his presentation.</p>		<p>At the January 13th Faculty meeting, half of the professional staff will meet with Dr. Bornyas and Mr. DelRe to discuss future activities related to the project.</p>
<p>The Student Council Green Team developed a process to follow the manifest of recycled materials required for LEED certification.</p>		<p>Representatives from PJ Dick spoke at the January Science Department Curriculum Meeting. Discussion was held on possible future educational activities.</p>



Fort Couch Middle School

November	December	January
<p>Mr. Brennan and Mr. DelRe attended the November Faculty Meeting to discuss educational activities that they participated in at other school construction projects.</p>	<p>All Challenge students involved in the Future City Competition attended a presentation by Graves & McLean Architects and PJ Dick Construction on LEED certification issues which directly relate to the Future City scenario this year.</p>	<p>Representatives from PJ Dick spoke at the January Science Department Curriculum Meeting. Discussion was held on possible future educational activities.</p>
<p>Students on Team One in Language Arts 7 designed and completed projects based on the novel <u>Tangerine</u> by Edward Bloor. In the book, seventh grade student Paul Fisher moves to Tangerine, Florida, and almost immediately witnesses a sinkhole emergency as the portable trailer classrooms at his new school sink into the flooded ground. The disaster forces the middle school students to choose between night classes at the sixth grade building and attending a different district altogether. The PJ Dick construction management team visited the class and presented a brief presentation and explanation about the preparations involved in building renovations, including the research that is involved with predicting and preventing sinkholes. Students were able to make solid connections between a piece of fictional literature and their own actual environment, and this greatly added to their understanding of the events. Rather than simply accepting the work for fiction and "fake" events, students could see that these events do occur and may actually affect their lives.</p>	<p>In Mr. Ali's Algebra classes, students worked on completing a written report that described their group calculation on repainting the classroom. The calculations needed to include specifics such as repainting all four walls with two coats of paint with specific supply costs, including taxes, with the assumption that they could only purchase the paint by the gallon.</p>	<p>Building administration will be investigating how students may participate in contributing to designing the landscaping around the outside eating area.</p>