

Postcard



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Overview Students design, cost and produce room signs for Westside Elementary School. This is a service project to help a school that most of the participating students have attended.

Driving Question How do concepts such as Lean Manufacturing and 5S workplaces apply to actual manufacturing on a small/medium/large scale?

Student Reflections "The most valuable thing I learned is that you have to put time and dedication into what you do and you really have to put effort into things."

Teacher Reflection "Planning and prototyping is the key. Students should do a physical prototype not just a virtual one."

Lessons Learned "I would have a better idea of how the signs are going to be attached before production begins."

Did Project Meet Goals? 5 out of 5 (Definitely would recommend)

PBL Unpacked

As identified using "Unpacking Tool" within www.pblounge.org

WANTS		NEEDS	
Public Project	<p><i>Producing:</i> Spec / Design Model or Prototype Product¹</p> <p><i>Revising/Iterating:</i> Revise a Product or Service Execute Multiple Drafts</p>	Questions & Themes	<i>Themes:</i> Community Outreach
Media Produced	<i>Digital Content:</i> Digital Media / Graphic Design	Project Parameters	<p><i>Project Timeframe:</i> More than 8 Weeks</p> <p><i># of Project Members:</i> Small Group</p> <p><i>Grade Level:</i> High School</p> <p><i>Authentic Connections:</i> Teachers & Administrators Consumers / Clients Industry Representatives</p>
Real World Exploration	<i>Humans in the World:</i> Work & Careers	Success Skills	<p><i>Creativity:</i> Design/Create Improve/Refine</p> <p><i>Collaboration:</i> Incorporate Feedback Work Fluidly to Meet Deadlines</p> <p><i>Critical Thinking:</i> Assemble Parts of a Whole Innovate Balance / Weight Alternatives Critique Reasoning of Others Quantify</p> <p><i>Instilled Citizenship Values:</i> Interact Respectfully In-person/Online Strong Personal / Work Ethic</p>
Authentic Industries & People	<i>Career & Technical:</i> Manufacturing	Areas of Knowledge & Understanding	<p><i>Business:</i> General Management Operations Management</p> <p><i>Mathematics:</i> Basic Math</p>

¹The product was an outside Art Installation - painting the history of the town on park benches.

²Websites featuring art & social media.

³This project involved real-life historical events.

