



Perry Central Jr./Sr. High School
Boston International Challenge 2022/23
Contact Name: Pam- & Paul Metz
Boston International
8084 W County Road 25S
French Lick, IN 47432
Phone:
Email: pmetz@bostoninternational.com



Summary:

Boston International is looking for a napkin holder that is knock-down and of better quality than the one they are currently getting from China. Students need to hit the following metrics:

Things to consider:

- 1 – Shelving must be knock-down and easily shipped
- 2 – Need to be able to hold a large number of small napkins in the display easily
- 3 – Cost of materials and labor to create. (We would be willing to pay for something in the \$35 - \$40 range.)

Resources:

- 4x8 sheets of acrylic
- Small Napkin examples for measurement
- Laser Cutter, CAD creations

Your Challenge:

1. ***Groups will produce a google doc that they will use to plan each day of workplace learning.***

Each group should set up a google to set daily targets or goals for your group. Each day your group is responsible for setting some goals and targets to complete during that day's working time. Please keep all your targets on one document and use the following format:

Date, group member - goal (all group members should have a goal for work to complete that day), did you meet that goal, why or why not?

2. ***Groups will produce a design of the shelves that meets the customer specifications.***

Each group will create a design drawing with detailed specifications (measurements or dimensions) and a prototype to test and use to showcase your product. You will need to work with Commodore Manufacturing to figure out run time for your design lay-out on laser cutter. What is the best way to get the best price?

3. ***Groups will produce a presentation or sales pitch to showcase your design.***

Your presentation should be catered to the needs of the client and showcase how your design meets the needs and wants of the client in one nice neat little box.

Steps for Development:

- *Identify standards you think would lend themselves to Workplace Challenge*
- *Identify companies that we could reach out to and ask about development of challenge.*
- *We will contact company together and develop this challenge card.*
- *Determine date for launch/ Timeline for work and Presentation Day*
- *Help lead students through challenge - may not work on it every day but make sure it is finished by the end.*
Determine what skills you want to make sure students learn about with the challenge and make sure you have a plan to cover these standards/skills
- *Practice presentations*
- *At the end, get quote from teacher, student and company to create a reflection card*
- *Provide feedback on Core Values*