

The logo features a stylized arch composed of three vertical bars of increasing height from left to right, colored in shades of teal and blue.

Real World Problem Scenario

Teacher Name: Kelsey Armstrong

School District: Morgan Local Schools

Business Partner Name: Kasey Harris

Business/Organization Name: Contraxx Furniture

How many classes participated? 2

How many students participated? 30

What was your timeline? 5-9 weeks

Grade level(s): 5

Subject(s): Science and Math

Standards & Skills: 5.MD.1 Know relative sizes of these U.S. customary measurement units: pounds, ounces, miles, yards, feet, inches, gallons, quarts, pints, cups, fluid ounces, hours, minutes, and seconds. Convert between pounds and ounces; miles and feet; yards, feet, and inches; gallons, quarts, pints, cups, and fluid ounces; hours, minutes, and seconds in solving multi-step, real-world problems.

Career Cluster(s): Architecture & Construction, Manufacturing, Science, Technology, Engineering, & Mathematics

What needed to be considered or defined in order for your students to create a solution for your RWPS?: We needed to consider the possibilities of the manufacturer, the necessary components laid out by the customer, and how important communication and follow-ups are.

Real World Problem Scenario: In our Real World Problem Scenario, we partnered with Contraxx Furniture to help them design a piece of furniture for the Kate Love Simpson Library. Students had to communicate with the director of the library as well as Contraxx Furniture in order to understand needs, expectations, measurements, and production times.

