



Brooke Lodge  
 Algebra 1 and Pre-Algebra  
 North Fayette Valley HS  
 Art's Way Scientific

Part I: Overview of Business

•Art's Way Scientific founded in 1956 builds custom engineered modular buildings and laboratories. Art's Way has two locations Monona and Armstrong.

Part II: Job Specifics

•Art's Way builds modular buildings. Companies and Universities from all over the state order customized research labs or agricultural buildings to fit their particular needs. Most research labs need a epoxy flooring finish to keep from ruining the floor from harsh chemical spills.

Part III: Introduce the Problem

•Art's Way is looking to cut costs. They want to be sure they are using the most effective method for applying their epoxy flooring and that they are ordering their products from the company that is the cheapest.

Part IV: Background

- Students will know how to plan a budget, determine costs given square foot and cost per square foot, use excel spreadsheet
- Students will need to research different companies to determine the costs of the materials. They may have to speak with representatives. They will have to present their findings in a spreadsheet and give a presentation on their findings. Students will need to consider the cost of materials, time the process will take(paying workers), longevity and quality.
- Art's Way needs to provide the size of the general research lab and which companies they are willing to work with.

Part V: Business Solution

Art's Way is still in the process of determining the best option.

Part VI: Student Solutions

I think students will have different solutions based upon what they feel to be most cost effective. For instance, it may cost more to hire someone to do it, but maybe that will be more appealing to customers and it will be certified which may give them more customers.