

Green Machine



Neftali Lopez Duprey
 Math Teacher
 Muscatine High School
 HBF an HNI company

Part I: Overview of Workplace

Originally called The Hickory Chair, HBF was founded in 1911 and acquired by HNI in 2008. HBF is a leader in beautifully designed, exquisitely crafted and exceptionally constructed furniture for commercial settings.

Part II: Workplace Focus

- The focus of the team is to optimize processes and look for patterns that will decrease the company's net expenses while increasing revenue.
- My job was to look for patterns in royalties paid to designers by goods sold in order to increase revenue.

Part III: Introduce the Problem

HBF is manufacturing a modern executive desk and is consulting three different designers. Each designer has different stipulations in their contracts with HBF on how royalties are paid to them.

Part IV: Standards, Driving and Essential Questions

- Students will need to understand and research what royalties are and how they are paid.
- Students will also have to find stipulations at which a certain designer is getting paid.

Part V: Extern Host Role

Amy Esplain is the POC at HBF and her job is to provide students with data/info about royalties and about the designers.

Part VI: Student Learning

Students have the choice to work with the designer of their choosing. Along the way students might find that their choice was not the best and are able to reflect and revise their choices.