

Which Bat is Hottest?

3rd and 1st Grade



Testable Question:

How does the material of baseball bats affect the exit velocity?

Prediction:

We think the composite bat will have the highest exit velocity and the wood bat will have the lowest exit velocity.

Procedure:

1. Choose 3 material of bats to test

Background:

I chose this project because we love baseball so much and it sounded like an interesting topic.

Constant Conditions:

Independent Variable: The ONE thing you change - bat material.

Data and Trials:

Setup:



Data and Trials:

Wood Bat:



Data and Trials:

Metal Bat:

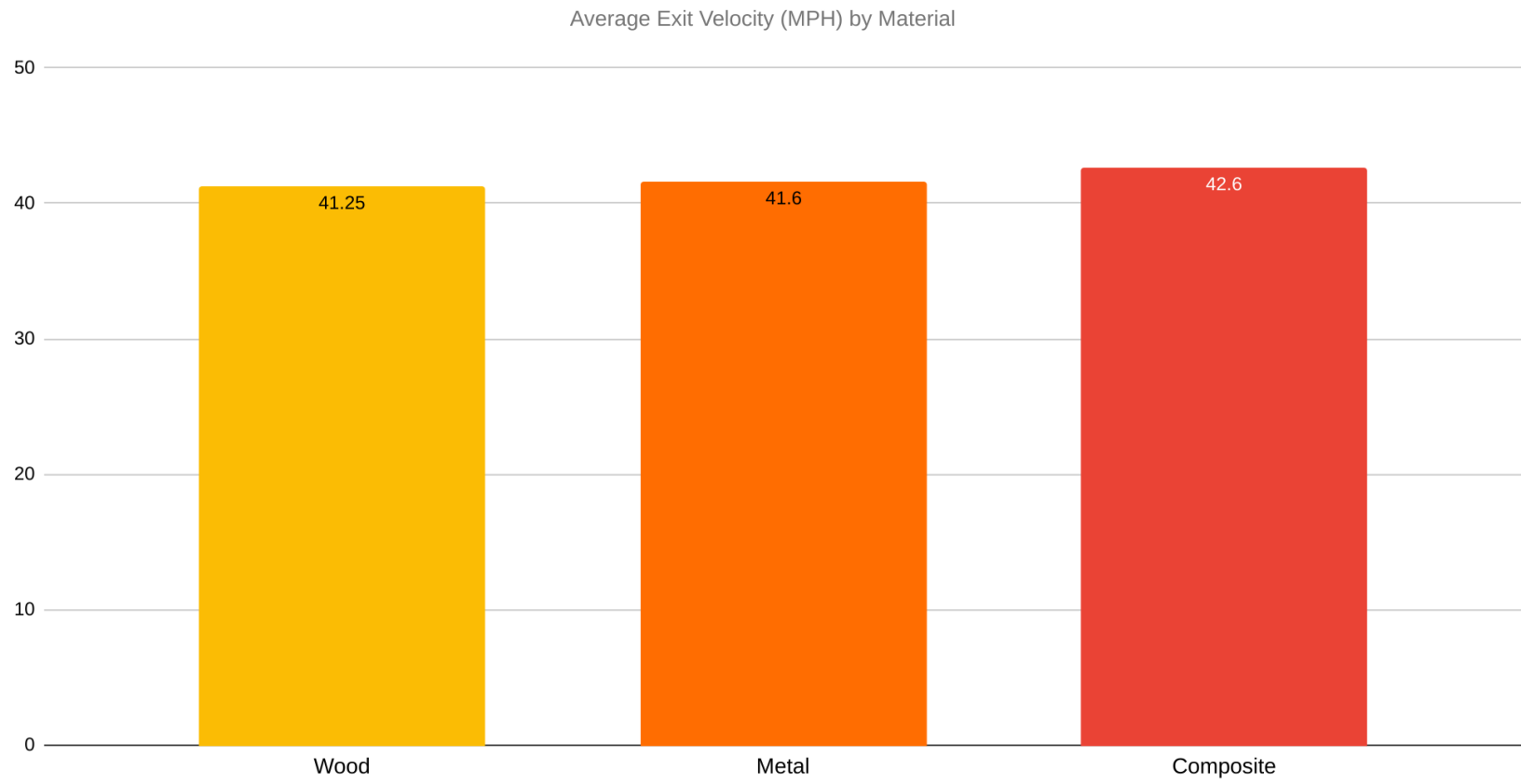


Data and Trials:

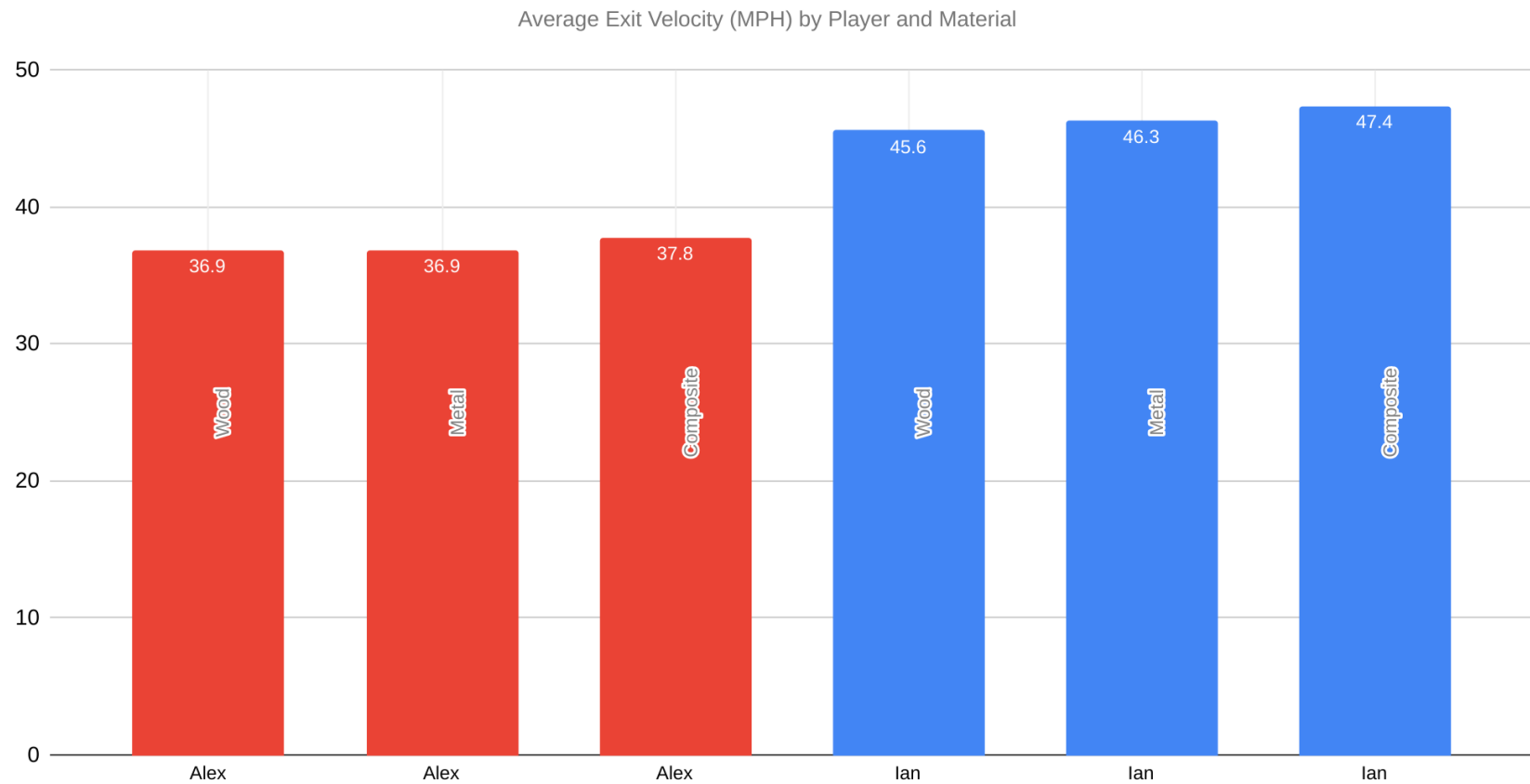
Composite Bat:



Data and Trials:



Data and Trials:



Conclusion and Reflection: 10 pts - Share what you learned. Were there any surprises? What would you do differently or to continue the project?

I found out that composite bats gave the ball the highest exit velocity.