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Flight Of The Arrow

I chose this project because I am an avid archer and I wanted to see if an arrow needed all three fletching for an accurate flight. I also wanted to do it because I would like to shoot more accurately for competitions. From the beginning I thought that the arrow with all the fletching would be the most accurate, but I wanted to also see what the other arrows would do. To find out I took four arrows and removed fletching from all, but one to see which one was the most accurate. During experimentation I recorded all the scores to verify my results. I found out my hypothesis was correct. I also tested whether the other arrows would decrease more at greater distances. Like I thought they did. I really enjoyed this project this year.