

# **Abstract**

**Project Title: Arches Loops and Whorls...Oh My!**

**Project ID: 545**

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The problem in my science experiment was to figure out if I could tell something about people based on fingerprints. My hypothesis was that I could find common fingerprint attributes based on gender. To do this, I examined fingerprints from 15 females and 15 males and determined each person's fingerprint type. Although there were variations, both groups had mostly loops. For males, 53.3% had loops, and for Females, 46.6% had loops. This was expected because loops are the most common fingerprint type. Before my experiment I believed there would be a distinct difference between the two genders. Afterwards, I concluded that fingerprint types are not based on gender.