



Name(s)	Project Number
	Project Number
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Project Title	
Fingerprint Inheritance	
8F	
Objectives/Goals Abstract	
My objective of my project is if the type and pattern of fingerprints are passed of	
offspring and if they show resemblance between family members. My hypothes patterns are inherited and passed down through family generations.	is stated that fingerprint
Methods/Materials	
The materials used in this experiment were a black ink pad, paper towels, drawing paper and two groups	
of related and unrelated people. For the experiment, I gathered up the two groups and had everyone wash their hands. Then, I had everyone print down their fingerprints on drawing paper using the black ink pad	
and then clean their hands with a paper towel after the printing. The fingers use	d were the 1st, 2nd, and
3rd fingers of the right hand. I then paired up the people and calculated an overa	all percent of resemblance
for each group. Results	
After all the tests, the results showed that the Unrelated Group had a 42% of res	
Group had a 58% of resemblance. From this, it showed that related people have	
resemblance than unrelated people, showing that fingerprints are inherited througenerations.	ign family members and
Conclusions/Discussion	
My hypothesis said that fingerprint patterns are inherited and are passed down through family generations, and my experiment proves that this is so. With the results of this experiment in mind, another interesting	
study would be to see if close friends or people from the same area have the same	
see if people who have the same astrological sign have the same type of fingerp	rints would also be an
interesting study as well. Overall, this experiment can extend our knowledge ab	out inherited traits and
adds to our research of fingerprint patterns.	
Summary Statement	
My investigation focused on fingerprint inheritance and figuring out if fingerprint	nt patterns are passed
down from parent to offspring.	
Help Received	