



**CALIFORNIA STATE SCIENCE FAIR
2017 PROJECT SUMMARY**

Name(s) Elina I. Omran, Jr.	Project Number J1420
Project Title Types of Threads	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals This project is meant for fixing shirts and other things that need sewing by saying what would be the best thread and stitch that they should use if they want it to hold the best. Also my clothes always rip and they keep on ripping after that even though I stitched it good</p> <p>Methods/Materials first I have to sew 2 of fabrics together, and then make holes to put strings threw and tie one side to a high thing and the other side to a bucket then put the weights in. Then keep the weights for 10 seconds each until it snaps.</p> <p>Results The hypothesis was partly correct. The polyester is the strongest and the weakest is the silk, though the polyester was the cheapest and the silk was the strongest. The thing that was wrong is that the color wouldn#t be a factor in how strong it is but it was, the black was stronger than the white</p> <p>Conclusions/Discussion In conclusion, my hypothesis was partially correct. Color was indeed a factor in the strength; the black was stronger than the white. The polyester proved to be the strongest and silk the weakest.</p>	
Summary Statement this project is to test the strength of different threads and to see if the color matters	
Help Received mrs. Najwan for checking my slides	