



**CALIFORNIA SCIENCE & ENGINEERING FAIR  
2018 PROJECT SUMMARY**

<b>Name(s)</b> Asmita Majumdar; Bernardita Riffo	<b>Project Number</b> <b>J1315</b>
<b>Project Title</b> <b>Doggy I.Q Test: Are Older Dogs Better at I.Q Tests than Younger Dogs?</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of this project was to determine whether the experiences and prior knowledge was superior to the better physical attributes of younger dogs at a series of tests that mimic their everyday activities as lovable pets.</p> <p><b>Methods/Materials</b> We used equipment for the tests that we made ourselves to achieve the best results from dogs of all sizes. We used treats to encourage our subjects to complete the tests with a grading scale based on their performance, ranging from ignoring the situation to performing it within the time limit, first try and expected method. Several dogs were tested in each category.</p> <p><b>Results</b> The same tests were repeated with older and younger dogs showing that the younger dogs had a higher total average than that of the older dogs.</p> <p><b>Conclusions/Discussion</b> The younger dogs achieved better results indicating that enthusiasm and better senses help dogs in their everyday activities.</p>	
<b>Summary Statement</b> Repeated tests show that younger dogs are more successful in activities with a little motivation than older dogs.	
<b>Help Received</b> We built our equipment and tests ourselves and used the websites mentioned on our bibliography and guidance from our advisor, Ms Agapoff and our parents.	