



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) Devon T. Gearhart	Project Number J2006
Project Title Captive Lizard Observation	
Abstract Objectives/Goals The main reason I did this experiment was because I wanted to see how the nocturnal Leopard gecko and the Crested Gecko and the diurnal Bearded Dragon act at different times of the day. Methods/Materials My pet lizards of different species; The Leopard Gecko (<i>Eublepharis macularius</i>), The Crested Gecko (<i>Rharedactylus cilatus</i>) and the Bearded Dragon (<i>Pogano viticeps</i>). I plan to observe them at regular times of the day to determine behavioral patterns and activities of my lizards. Results What I learned from my observational experiment was the unpredicted activities of the lizards; for example the nocturnal lizards exhibited a good amount of activity during the day. The diurnal lizard exhibited nearly no activity during the night, but was alert and active most all the time during the day. My results of their specific activities have been summarized graphically in my display. The activities and behaviors of feeding, shedding, drinking are all documented with their affiliated times. Conclusions/Discussion My lizard observational study revealed many unique activities and behaviors in my lizards, that I, as the casual lizard pet owner did not observe. What I was able to witness during my observational study however really opened my eyes to what their behavior may be like in their natural habitat and conditions. I also became aware of how their behavior and activities have become modified due to captive conditions. My results are represented both graphically and in narrative in my completed study results.	
Summary Statement My project is about the behaviors and activities of different species of lizards.	
Help Received I would like to thank my Mom for helping me get the materials. I would like to thank my Dad for helping out with the handling of the lizards, providing knowledge about the lizards, and for taking me to get supplies for my lizards.	