



**CALIFORNIA STATE SCIENCE FAIR
2012 PROJECT SUMMARY**

Name(s) Rachel R. Andrecht	Project Number J0706
Project Title In the Eye of an Artist	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My objective was to determine at what age a child can draw the human body with the fullest amount of body parts.</p> <p>Methods/Materials In this project I tested 45 subjects. There were fifteen children in each age group, five, six, and seven year olds. I tested five children in the same age group at a time. I then gave them a piece of paper and a pencil. I explain to them that they will be drawing a picture of themself. They had 5 minutes to complete their picture. When the 5 minutes were up I told them to stop, and to put their initials and age on the paper.</p> <p>Results I did observe that the 5 year olds took the least amount of time to complete the drawing. All 45 of my subjects completed their picture within the 5 minute period. The body parts that were tested to be drawn were 2 eyes, 1 neck, 5 fingers, 1 mouth, 1 torso, 2 legs, 1 nose, and 2 arms. Overall, my 7 year olds drew 5 body parts of the 8 tested 100% of the time. As my data shows, the 7 year old will represent the human body with the fullest amount of body parts most consistently.</p> <p>Conclusions/Discussion In conclusion, the data did not support my hypothesis. I originally thought that at 6 years old a child would be able to draw the human body with the fullest amount of body parts. My test results show that a 7 year old begins to draw the human body with the fullest amount of body parts present. This project could be done in a number of ways. Asking the children questions about their drawings or asking them to draw two people and explain the differences and similarities in both. Realizing a child's fears or anxieties might also show through their art. More importantly, how they might feel about themself. Through their art we see more than just a figure from a child, rather the visual perception of a growing mind.</p>	
Summary Statement At what age does a child begin to draw the human body with the fullest amount of body parts.	
Help Received My mom helped proofread report; My dad helped with printing process; Students of St. Mary's School for their participation.	